NON-ENVIRONMENTAL EMI / RFI BACKSHELL



360-degree screen termination facility is offered in this Backshell in addition to other features of the Non-Environmental type. Available in straight, 90 degree bent and 45 degree bent varieties, it accommodates both individual and overall shielding.

| For Connector Group | Page No. |
|---------------------|-------------------|
| J = | → III-1 - III-7 |
| K = | → III-8 - III-12 |
| L - | → III-13 - III-17 |
| M | → III-18 - III-23 |
| N = | → III-24 - III-29 |

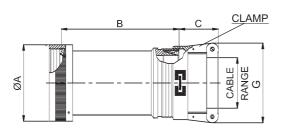
Note: For Connector group Identification refer Table 1 - A, B, C, D (Page 7-11) and for Material / Plating Finish, Refer Table-2 (Page 12)

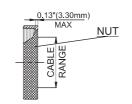


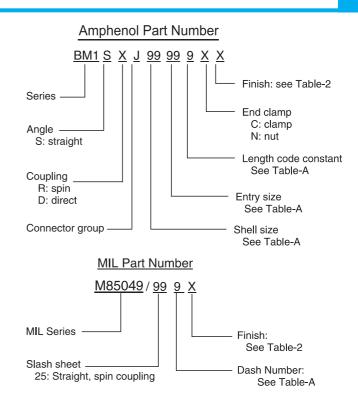
Non-Environmental EMI / RFI Backshell

Connector Group - J

Straight







NOTE: * For more cable entry and length options, contact factory

| | | | | | | TA | BLE - | Α | | | | | | | | |
|--------|----------------------|--------|----------------------------------|-------------------------|--------|---------|-------|-------|-------|-------|-------|-------|------|----------|-------|-------|
| | PHENOL F ER DESIG | | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | A DIA. | . (MAX) | В (| MAX) | C (I | REF) | G (I | MAX) | | CABLE | ERANG | E |
| SHELL | ENTRY SIZE | LENGTH | DASH NO | | INCH | мм | INCH | ММ | INCH | ММ | INCH | мм | INCH | IN MM | INCH | MM |
| - CILL | | 1 | 5 | | 0.62 | 15.67 | 2.13 | 54.10 | 1.03 | 26.09 | 0.96 | 24.31 | 0.13 | 3.18 | 0.25 | 6,35 |
| | 01 | 2 | 6 | _ | 0.62 | 15.67 | 3.13 | 79.50 | 1.03 | 26.09 | 0.96 | 24.31 | 0.13 | 3.18 | 0.25 | 6.35 |
| 08 | | 1 | 7* | 8 | 0.62 | 15.67 | 2.88 | 73.15 | 1.03 | 26.09 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| | 02 | 2 | 8* | | 0.62 | 15.67 | 3.88 | 98.55 | 1.03 | 26.09 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| | 0.4 | 1 | 9 | | 0.73 | 18,64 | 2.13 | 54.10 | 1.03 | 26.09 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7,92 |
| | 01 | 2 | 10 | 1 | 0.73 | 18.64 | 3.13 | 79.50 | 1.03 | 26.09 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| 40 | 00 | 1 | 11* | 10 | 0.73 | 18.64 | 2.88 | 73.15 | 1.03 | 26.09 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| 10 | 02 | 2 | 12* | 10 | 0.73 | 18.64 | 3.88 | 98.55 | 1.03 | 26.09 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| | 00 | 1 | 136 | İ | 0.73 | 18.64 | 2.13 | 54.10 | 1.03 | 26.09 | 1.15 | 29.08 | 0.25 | 6.35 | 0.38 | 9.53 |
| | 02 2 | 137 | | 0.73 | 18,64 | 3.13 | 79.50 | 1.03 | 26.09 | 1.15 | 29.08 | 0.25 | 6,35 | 0.38 | 9,53 | |
| | 0.1 | 1 | 13 | | 0.86 | 21.79 | 2.13 | 54.10 | 1.03 | 26.09 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| | 01 | 2 | 14 | | 0.86 | 21.79 | 3.13 | 79.50 | 1.03 | 26.09 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| | 02 | 1 | 15* | Ī | 0.86 | 21.79 | 2.88 | 73.15 | 1.03 | 26.09 | 1.33 | 33.83 | 0.35 | 8.89 | 0.63 | 15.88 |
| | 02 | 2 | 16* | | 0.86 | 21.79 | 3.88 | 98.55 | 1.03 | 26.09 | 1.33 | 33.83 | 0.35 | 8.89 | 0.63 | 15.88 |
| 12 | 03 | 1 | 111 | 7/12 | 0.86 | 21.79 | 2.13 | 54.10 | 1.03 | 26.09 | 1.33 | 33.83 | 0.35 | 8.89 | 0.50 | 12.70 |
| | 04 | 1 | 114 | | 0.86 | 21.79 | 2.13 | 54.10 | 1.03 | 26.09 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| | 04 | 2 | 115 | | 0.86 | 21.79 | 3.13 | 79.50 | 1.03 | 26.09 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| | 05 | 1 | 138 |] | 0.86 | 21.79 | 2.13 | 54.10 | 1.03 | 26.09 | 1.33 | 33.83 | 0.35 | 8.89 | 0.50 | 12.70 |
| | 00 | 2 | 139 | | 0.86 | 21.79 | 3.13 | 79.50 | 1.03 | 26.09 | 1.33 | 33.83 | 0.35 | 8.89 | 0.50 | 12.70 |
| | 01 | 1 | 17 | | 0.98 | 24.99 | 2.13 | 54.10 | 1.03 | 26.09 | 1.33 | 33.83 | 0.35 | 8.89 | 0.58 | 14.61 |
| | 01 | 2 | 18 | ļ | 0.98 | 24.99 | 3.13 | 79.50 | 1.03 | 26.09 | 1.33 | 33.83 | 0.35 | 8.89 | 0.58 | 14.61 |
| | 02 | 1 | 19* |] | 0.98 | 24.99 | 2.88 | 73.15 | 1.06 | 26.90 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| 14 | 02 | 2 | 20* | 12/14 | 0.98 | 24.99 | 3.88 | 98.55 | 1.06 | 26.90 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| '- | 03 | 1 | 116 | 12/17 | 0.98 | 24.99 | 2.13 | 54.10 | 1.03 | 26.09 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| | | 2 | 117 |] | 0.98 | 24.99 | 3.13 | 79.50 | 1.03 | 26.09 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| | 04 | 1 | 150 |] | 0.98 | 24.99 | 2.13 | 54.10 | 1.03 | 26.09 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| | U - | 2 | 151 | | 0.98 | 24.99 | 3.13 | 79.50 | 1.03 | 26.09 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |



Connector Group - J

Straight

| | | | | | | TA | BLE - | Α | | | | | | | | |
|-------|----------------------|--------|----------------------------------|-------------------------|--------------|----------------|--------------|-----------------|--------------|----------------|--------------|----------------|------|----------------|--------------|----------------|
| | PHENOL F ER DESIG | | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | A DIA | . (MAX) | В (І | MAX) | C (| REF) | G (I | MAX) | | CABL | E RANG | E |
| SHELL | ENTRY SIZE | LENGTH | DASH NO | | INCH | мм | INCH | ММ | INCH | мм | INCH | ММ | INCH | IN MM | INCH | IAX MM |
| SIZL | 01 | 1 | 21 | | 1.11 | 28.24 | 2.13 | 54.10 | 1.06 | 26.90 | 1.55 | 39.40 | 0.50 | 12.70 | 0.70 | 17.78 |
| | | 2 | 22 23* | , | 1.11 | 28.24 | 3.13 2.88 | 79.50 73.15 | 1.06 | 26.90 29.36 | 1.55 1.77 | 39.40 44.96 | 0.50 | 12.70 15.88 | 0.70 0.94 | 17.78 23.80 |
| | 02 | 2 | 24* | , | 1.11 | 28.24 | 3.88 | 98.55 | 1.16 | 29.36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| 16 | 03 | 2 | 112 113 | 19/16 | 1.11 | 28.24 28.24 | 2.13 3.13 | 54.10 79.50 | 1.03 | 26.09 26.09 | 1.15 | 29.08 29.08 | 0.25 | 6.35 6.35 | 0.44 | 11.10 |
| | 04 | 1 | 118 | • | 1.11 | 28.24 | 2.13 | 54.10 | 1.03 | 26.09 | 1.33 | 33.83 | 0.35 | 8.89 | 0.63 | 15.88 |
| | 0- | 2 | 119 152 | | 1.11 | 28.24 28.24 | 3.13 2.13 | 79.50 54.10 | 1.03 | 26.09 26.09 | 1.33 0.96 | 33.83 24.31 | 0.35 | 8.89 3.18 | 0.63 | 15.88 7.92 |
| | 05 | 2 | 153 | | 1.11 | 28.24 | 3.13 | 79.50 | 1.03 | 26.09 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| | 01 | 2 | 25 26 | | 1.22 | 30.94 | 2.13 | 54.10 79.50 | 1.03 | 26.09 26.09 | 1.33 | 33.83 33.83 | 0.35 | 8.89 8.89 | 0.63 | 15.88 15.88 |
| | 02 | 1 | 27 | | 1.22 | 30.94 | 2.13 | 54.10 | 1.06 | 26.90 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | | 2 | 28 29* | | 1.22 | 30.94 | 3.13 2.88 | 79.50 73.15 | 1.06 | 26.90 29.36 | 1.55 1.77 | 39.40 44.96 | 0.50 | 12.70 15.88 | 0.75 0.94 | 19.05 23.80 |
| 18 | 03 | 2 | 30* | 27/18 | 1.22 | 30.94 | 3.88 | 98.55 | 1.16 | 29.36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| | 04 | 1 | 120 | ľ | 1.22 | 30.94 | 2.13 | 54.10 | 1.03 | 26.09 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| | | 1 | 121 122 | | 1.22 | 30.94 | 3.13 2.13 | 79.50 54.10 | 1.03 | 26.09 26.09 | 0.96 | 24.31 29.08 | 0.13 | 3.18 6.35 | 0.31 | 7.92 11.10 |
| | 05 | 2 | 123 | | 1.22 | 30.94 | 3.13 | 79.50 | 1.03 | 26.09 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| | 01 | 2 | 31 | | 1.35 | 34.16 | 3.13 | 79.50 | 1.03 | 26.09 | 1.33 | 33.83 | 0.35 | 8.89 | 0.63 | 15.88 |
| | 0.0 | 1 | 32 33 | | 1.35 1.35 | 34.16 34.16 | 4.13 3.13 | 104.90 79.50 | 1.03 | 26.09 26.90 | 1.33 | 33.83 39.40 | 0.35 | 8.89 12.70 | 0.63 | 15.88 19.05 |
| | 02 | 2 | 34 | | 1.35 | 34.16 | 4.13 | 104.90 | 1.06 | 26.90 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | 03 | 2 | 35* 36* | | 1.35 | 34.16 34.16 | 3.88 4.88 | 98 . 55 | 1.16 | 29.36 29.36 | 1.77 | 44.96 44.96 | 0.63 | 15.88 15.88 | 0.94 | 23.80 |
| 20 | 04 | 1 | 37* | 37/20 | 1.35 | 34.16 | 3.88 | 98.55 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 04 | 2 | 38* | , | 1.35 | 34.16 | 4.88 | 123.95 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 05 | 2 | 124 125 | | 1.35 | 34.16 34.16 | 3.13 4.13 | 79.50 104.90 | 1.03 | 26.09 26.09 | 1.15 | 29.08 29.08 | 0.25 | 6.35 6.35 | 0.44 | 11.10 |
| | 06 | 1 | 140 | | 1.35 | 34.16 | 3.13 | 79.50 | 1.16 | 29.36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.90 | 22.96 |
| | | 2 | 141 39 | | 1.35 | 34.16 37.29 | 4.13 3.13 | 104.90 79.50 | 1.16 | 29.36 | 1.77 | 44.96 33.83 | 0.63 | 15.88 8.89 | 0.90 | 22.96 15.88 |
| | 01 | 2 | 40 | | 1.47 | 37.29 | 4.13 | 104.90 | 1.03 | 26.09 26.09 | 1.33 | 33.83 | 0.35 | 8.89 | 0.63 | 15.88 |
| | 02 | 1 | 41 | 1 | 1.47 | 37.29 | 3.13 | 79.50 | 1.06 | 26.90 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | | 2 | 42 43 | | 1.47 | 37.29 37.29 | 4.13 3.13 | 104.90 79.50 | 1.06 | 26.90 29.36 | 1.55 | 39.40 44.96 | 0.50 | 12.70 15.88 | 0.75 0.94 | 19.05 23.80 |
| | 03 | 2 | 44 | | 1.47 | 37.29 | 4.13 | 104.90 | 1.16 | 29.36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| 22 | 04 | 1 2 | 45* | 22 | 1.47 | 37.29 | 3.88 | 98.55 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 25 | 1 | 46* 126 | | 1.47 | 37.29 37.29 | 4.88 3.13 | 123.95 79.50 | 1.38 | 34.93 26.09 | 2.11 0.96 | 53.67 24.31 | 0.88 | 22.23 3.18 | 1.25 0.31 | 31.75 7.92 |
| | 05 | 2 | 127 | | 1.47 | 37.29 | 4.13 | 104.90 | 1.03 | 26.09 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| | 06 | 2 | 128 129 | | 1.47 | 37.29 37.29 | 3.13 4.13 | 79.50 104.90 | 1.03 | 26.09 26.09 | 1.15 | 29.08 29.08 | 0.25 | 6.35 6.35 | 0.44 | 11.10 11.10 |
| | 07 | 1 | 142 | | 1.47 | 37.29 | 3.13 | 79.50 | 1.38 | 34.93 | 2.11 | 53.67 | 0.23 | 22,23 | 1.03 | 26.14 |
| | 07 | 2 | 143 | | 1.47 | 37.29 | 4.13 | 104.90 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.03 | 26.14 |
| | 01 | 2 | 47 48 | | 1.59 1.59 | 40.46 40.46 | 3.13 4.13 | 79.50 104.90 | 1.06 | 26.90 26.90 | 1.55 1.55 | 39.40 39.40 | 0.50 | 12.70 12.70 | 0.75 0.75 | 19.05 19.05 |
| | 02 | 1 | 49 | | 1.59 | 40.46 | 3.13 | 79.50 | 1.16 | 29.36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.81 | 20.62 |
| | 02 | 2 | 50 51 | • | 1.59 | 40.46 | 4.13 | 79.50 | 1.16 | 29.36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.81 | 20.62 |
| 04 | 03 | 2 | 52 | 0.4 | 1.59 1.59 | 40.46 40.46 | 3.13 4.13 | 79.50 104.90 | 1.16 1.16 | 29.36 29.36 | 1.77 | 44.96 44.96 | 0.63 | 15.88 15.88 | 0.94 | 23.80 23.80 |
| 24 | 04 | 1 | 53* | 24 | 1.59 | 40.46 | 3.88 | 98.55 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | | 1 | 54* 130 | , | 1.59 1.59 | 40.46 40.46 | 4.88 3.13 | 123.95 79.50 | 1.38 | 34.93 26.09 | 2.11 1.33 | 53.67 33.83 | 0.88 | 22.23 8.89 | 1.25 0.63 | 31.75 15.88 |
| | 05 | 2 | 131 | | 1.59 | 40.46 | 4.13 | 104.90 | 1.03 | 26.09 | 1.33 | 33.83 | 0.35 | 8.89 | 0.63 | 15.88 |
| | 06 | 1 | 144 | | 1.59 | 40.46 | 3.13 | 79.50 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.14 | 29.06 |
| | | 2 | 145 | | 1.59 | 40.46 | 4.13 | 104.90 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.14 | 29.06 |



Connector Group - J

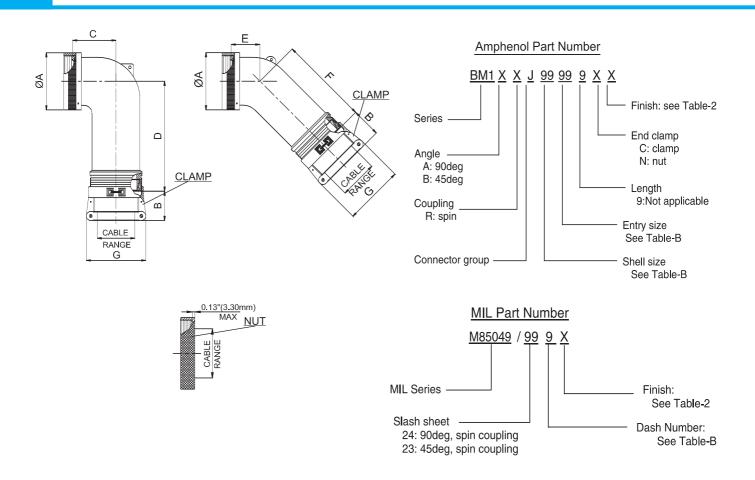
| | | | | | | TA | BLE - | Α | | | | | | | | |
|-------|----------------------|--------|----------------------------------|-------------------------|--------------|----------------|--------------|------------------|--------------|----------------|--------------|-------------------------|--------------|----------------|--------------|----------------|
| | PHENOL F ER DESIG | | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | A DIA. | . (MAX) | В (| MAX) | C (| REF) | G (| MAX) | | CABL | ERANG | E |
| SHELL | ENTRY | LENGTH | DASH NO | | | | | | | | | | | IN | | AX |
| SIZE | SIZE | | | | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM | INCH | MM |
| | 01 | 2 | 55 56 | | 1.97 1.97 | 50.01 50.01 | 3.13 4.13 | 79.50 104.90 | 1.06 | 26.90 26.90 | 1.55 | 39.40 39.40 | 0.50 | 12.70 12.70 | 0.75 0.75 | 19.05 19.05 |
| | | 1 | 57 | | 1.97 | 50.01 | 3.13 | 79.50 | 1.16 | 29.36 | 1.55 1.77 | 44.96 | 0.63 | 15.88 | 0.75 | 23.80 |
| | 02 | 2 | 58 | | 1.97 | 50.01 | 4.13 | 104.90 | 1.16 | 29.36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| 28 | - 00 | 1 | 59 | 28 | 1.97 | 50.01 | 3.13 | 79.50 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 03 | 2 | 60 | | 1.97 | 50.01 | 4.13 | 104.90 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 04 | 1 | 61 | | 1.97 | 50.01 | 3.13 | 79.50 | 1.50 | 38.10 | 23.63 | 600.20 | 1.00 | 25.40 | 1.38 | 34.93 |
| | • | 2 | 62 | | 1.97 | 50.01 | 4.13 | 104.90 | 1.50 | 38.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| | 01 | 2 | 63 64 | | 2.22 | 56.36 56.36 | 3.13 | 79.50 | 1.16 | 29.36 29.36 | 1.77 | 44.96 | 0.63 | 15.88 15.88 | 0.94 | 23.80 |
| | | 1 | 65 | | 2.22 | 56.36 | 4.13 3.13 | 104.90 79.50 | 1.16 | 34.93 | 1.77 2.11 | 44 . 96 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 02 | 2 | 66 | | 2.22 | 56.36 | 4.13 | 104.90 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| 32 | 00 | 1 | 67 | 32 | 2.22 | 56.36 | 3.13 | 79.50 | 1.50 | 38.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| | 03 | 2 | 68 | | 2.22 | 56.36 | 4.13 | 104.90 | 1.50 | 38.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| | 04 | 1 | 69 | | 2.22 | 56.36 | 3.13 | 79.50 | 1.78 | 45.24 | 2.77 | 70.36 | 1.25 | 31.75 | 1.63 | 41.28 |
| | | 2 | 70 | | 2.22 | 56.36 | 4.13 | 104.90 | 1.78 | 45.24 | 2.77 | 70.36 | 1.25 | 31.75 | 1.63 | 41.28 |
| | 01 | 2 | 71 72 | | 2.47 | 62.71 | 4.13 | 104.90 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | | 1 | 73 | | 2.47 | 62.71 62.71 | 5.13 4.13 | 130.30 104.90 | 1.38 | 34.93 38.10 | 2.11 | 53.67 60.02 | 1.00 | 22.23 25.40 | 1.25 | 31.75 34.93 |
| | 02 | 2 | 74 | | 2.47 | 62.71 | 5.13 | 130.30 | 1.50 | 38.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| | ••• | 1 | 75 | | 2.47 | 62,71 | 4.13 | 104,90 | 1.78 | 45,24 | 2,77 | 70,36 | 1,25 | 31,75 | 1,63 | 41.28 |
| | 03 | 2 | 76 | | 2.47 | 62.71 | 5.13 | 130.30 | 1.78 | 45.24 | 2.77 | 70.36 | 1.25 | 31.75 | 1.63 | 41.28 |
| 36 | 04 | 1 | 77* | 36 | 2.47 | 62.71 | 5.01 | 127.25 | 1.83 | 46.48 | 3.02 | 76.71 | 1.44 | 36.50 | 1.88 | 47.63 |
| 30 | 04 | 2 | 78* | 30 | 2.47 | 62.71 | 6.01 | 152.65 | 1.83 | 46.48 | 3.02 | 76.71 | 1.44 | 36.50 | 1.88 | 47.63 |
| | 05 | 1 | 132 | | 2.47 | 62.71 | 4.13 | 104.90 | 1.06 | 26.90 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | | 2 | 133 | | 2.47 | 62.71 | 5.13 | 130.30 | 1.06 | 26.90 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | 06 | 2 | 146 | | 2.47 | 62.71 | 4.13 | 104.90 | 1.83 | 46.48 | 3.02 | 76.71 | 1.44 | 36.50 | 1.84 | 46.74 |
| | | 1 | 147 148 | | 2.47 | 62.71 62.71 | 5.13 4.13 | 130.30 | 1.83 | 46.48 29.36 | 3.02 1.77 | 76.71 44.96 | 1.44 0.63 | 36.50 15.88 | 1.84 0.94 | 46.74 23.80 |
| | 07 | 2 | 149 | | 2.47 | 62.71 | 5.13 | 130.30 | 1.16 | 29.36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| | | 1 | 79 | | 2.72 | 69.06 | 4.13 | 104.90 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 01 | 2 | 80 | | 2.72 | 69.06 | 5.13 | 130.30 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 02 | 1 | 81 | | 2.72 | 69.06 | 4.13 | 104.90 | 1.50 | 38.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| | 02 | 2 | 82 | | 2.72 | 69.06 | 5.13 | 130.30 | 1.50 | 38.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| | 03 | 1 | 83 | | 2.72 | 69.06 | 4.13 | 104.90 | 1.78 | 45.24 | 2.77 | 70.36 | 1.25 | 31.75 | 1.63 | 41.28 |
| 40 | | 2 | 84 | 40 | 2.72 | 69.06 | 5.13 | 130.30 | 1.78 | 45.24 | 2.77 | 70.36 | 1.25 | 31.75 | 1.63 | 41.28 |
| | 04 | 2 | 85 86 | | 2.72 2.72 | 69.06 69.06 | 4.13 5.13 | 104.90 | 1.83 | 46.48 46.48 | 3.02 | 76.71 76.71 | 1.44 | 36.50 36.50 | 1.88 1.88 | 47.63 47.63 |
| | | 1 | 134 | | 2.72 | 69.06 | 4.13 | 104.90 | 1.06 | 26.90 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | 05 | 2 | 135 | | 2.72 | 69.06 | 5.13 | 130.30 | 1.06 | 26.90 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | 00 | 1 | 156 | 1 | 2.72 | 69.06 | 4.13 | 104.90 | 1.16 | 29.36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| | 06 | 2 | 157 | | 2.72 | 69.06 | 5.13 | 130.30 | 1.16 | 29.36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| | 01 | 1 | 87 | | 2.97 | 75.41 | 4.13 | 104.90 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 01 | 2 | 88 | ļ | 2.97 | 75.41 | 5.13 | 130.30 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 02 | 1 | 89 | | 2.97 | 75.41 | 4.13 | 104.90 | 1.50 | 38.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| | | 2 | 90 | ł | 2.97 | 75.41 | 5.13 | 130.30 | 1.50 | 38.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| 44 | 03 | 2 | 92 | 44 | 2.97 2.97 | 75.41 75.41 | 4.13 5.13 | 104.90 | 1.78 | 45.24 45.24 | 2.77 2.77 | 70 . 36 | 1.25 | 31.75 31.75 | 1.63 1.63 | 41.28 41.28 |
| | | 1 | 93 | | 2.97 | 75.41 | 4.13 | 104.90 | 1.83 | 46.48 | 3.02 | 76.71 | 1.44 | 36.50 | 1.88 | 47.63 |
| | 04 | 2 | 94 | | 2.97 | 75.41 | 5.13 | 130.30 | 1.83 | 46.48 | 3.02 | 76.71 | 1.44 | 36.50 | 1.88 | 47.63 |
| | ٥٢ | 1 | 154 | † | 2.97 | 75.41 | 4.13 | 104.90 | 1.16 | 29,36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23,80 |
| | 05 | 2 | 155 | | 2.97 | 75.41 | 5.13 | 130.30 | 1.16 | 29.36 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| | 01 | 1 | 95 | | 3.22 | 81.76 | 4.13 | 104.90 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 01 | 2 | 96 | ļ | 3.22 | 81.76 | 5.13 | 130.30 | 1.38 | 34.93 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 02 | 1 | 97 | | 3.22 | 81.76 | 4.13 | 104.90 | 1.50 | 38.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| 48 | | 2 | 98 | 48 | 3.22 | 81.76 | 5.13 | 130.30 | 1.50 | 38.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| | 03 | 2 | 99 | | 3.22 | 81.76 81.76 | 4.13 5.13 | 104.90 | 1.78 1.78 | 45.24 45.24 | 2.77 2.77 | 70.36 70.36 | 1.25 | 31.75 31.75 | 1.63 1.63 | 41.28 41.28 |
| | _ | 1 | 100 | † | 3.22 | 81.76 | 4.13 | 104.90 | 1.83 | 45.24 | 3.02 | 76.71 | 1.44 | 36.50 | 1.88 | 47.63 |
| | 04 | 2 | 102 | | 3.22 | 81.76 | 5.13 | 130.30 | 1.83 | 46.48 | 3.02 | 76.71 | 1.44 | 36.50 | 1.88 | 47.63 |
| γ | | | | 1 | | 21.70 | 20 | . 50.00 | | .0.70 | J.JL | . 0.7 | | 20.00 | | .,.50 |



Non-Environmental EMI / RFI Backshell

Connector Group - J

90°, 45°



NOTE: * For more cable entry options, contact factory

| | | | | | ΓABLE - | В | | | | | | | |
|---------------|--------------------------|----------------------------------|-------------------------|--------|---------|------|-------|------|-------|------|-------|------|-------|
| PART I | HENOL NUMBER NATOR | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | A DIA. | (MAX) | B (R | EF) | C (N | IAX) | D (N | IAX) | E (N | /IAX) |
| SHELL SIZE | ENTRY SIZE | DASH NO | | INCH | ММ | INCH | MM | INCH | ММ | INCH | ММ | INCH | ММ |
| 08 | 01 | 3 | 8 | 0.62 | 15.67 | 1.03 | 26.09 | 0.67 | 17.02 | 1.26 | 32.00 | 0.63 | 16.00 |
| | 01 | 4 | | 0.73 | 18.64 | 1.03 | 26.09 | 0.76 | 19.30 | 1.98 | 50.29 | 0.69 | 17.53 |
| 10 | 02 | 49* | 10 | 0.73 | 18.64 | 1.03 | 26.09 | 1.52 | 38.61 | 2.00 | 50.80 | 1.50 | 38.10 |
| | 03 | 5 | | 0.73 | 18.64 | 1.03 | 26.09 | 0.76 | 19.30 | 1.38 | 35.05 | 0.69 | 17.53 |
| | 01 | 6 | | 0.86 | 21.79 | 1.03 | 26.09 | 0.77 | 19.56 | 2.00 | 50.80 | 0.75 | 19.05 |
| 12 | 02 | 71* | 7/12 | 0.86 | 21.79 | 1.03 | 26.09 | 1.81 | 45.97 | 2.16 | 54.86 | 1.65 | 41.91 |
| 12 | 03 | 7 | 1/12 | 0.86 | 21.79 | 1.03 | 26.09 | 0.77 | 19.56 | 2.00 | 50.80 | 0.75 | 19.05 |
| | 04 | 8 | | 0.86 | 21.79 | 1.03 | 26.09 | 0.77 | 19.56 | 1.40 | 35.56 | 0.75 | 19.05 |
| | 01 | 9 | | 0.98 | 24.99 | 1.03 | 26.09 | 0.87 | 22.10 | 2.07 | 52.58 | 0.81 | 20.57 |
| 14 | 02 | 10 | 12/14 | 0.98 | 24.99 | 1.03 | 26.09 | 0.87 | 22.10 | 1.72 | 43.69 | 0.81 | 20.57 |
| 14 | 03 | 50* | 12/14 | 0.98 | 24,99 | 1.06 | 26,90 | 1.89 | 48.01 | 2,33 | 59.18 | 1.84 | 46.74 |
| | 04 | 74 | | 0.98 | 24.99 | 1.03 | 26.09 | 0.87 | 22.10 | 2.07 | 52.58 | 0.81 | 20.57 |
| | 01 | 11 | | 1.11 | 28.24 | 1.03 | 26.09 | 1.05 | 26.67 | 2.16 | 54.86 | 0.91 | 23.11 |
| | 02 | 12 | | 1.11 | 28.24 | 1.06 | 26.90 | 1.05 | 26.67 | 1.81 | 45.97 | 0.91 | 23.11 |
| 16 | 03 | 40 | 19/16 | 1.11 | 28.24 | 1.03 | 26.09 | 1.05 | 26,67 | 2.16 | 54.86 | 0.91 | 23.11 |
| | 04 | 51* | | 1.11 | 28.24 | 1.16 | 29.36 | 2.04 | 51.82 | 2.44 | 61.98 | 1.94 | 49.28 |
| | 05 | 75 | | 1.11 | 28.24 | 1.03 | 26.09 | 1.05 | 26.67 | 2.16 | 54.86 | 0.91 | 23.11 |



Connector Group - J

| | | | | - | ΓABLE - | В | | | | | | | |
|-----------------|--------------------------|----------------------------------|-------------------------|--------|----------------|--------------|----------------|------|----------------|------|----------------|--------------|----------------|
| PART I DESIG | HENOL NUMBER NATOR | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | A DIA. | (MAX) | B (R | EF) | C (N | /IAX) | D (N | /IAX) | E (N | /IAX) |
| SHELL | ENTRY SIZE | DASH NO | | INCH | мм | INCH | мм | INCH | мм | INCH | мм | INCH | мм |
| | 01 | 13 | | 1.22 | 30.94 | 1.03 | 26.09 | 1.14 | 28.96 | 2.33 | 59.18 | 1.09 | 27.69 |
| | 02 | 14 | | 1.22 | 30.94 | 1.16 | 29.36 | 1.14 | 28.96 | 1.98 | 50.29 | 1.09 | 27.69 |
| 18 | 03 | 41 | 27/18 | 1.22 | 30.94 | 1.03 | 26.09 | 1.14 | 28.96 | 2.33 | 59.18 | 1.09 | 27.69 |
| | 04 | 42 | | 1.22 | 30.94 | 1.03 | 26.09 | 1.14 | 28.96 | 2.33 | 59.18 | 1.09 | 27.69 |
| | 05 | 52 | | 1.22 | 30.94 | 1.06 | 26.90 | 1.14 | 28.96 | 2.33 | 59.18 | 1.09 | 27.69 |
| | 06 01 | 72* 15 | | 1.22 | 30.94 34.16 | 1.16 | 29.36 26.09 | 2.05 | 52.07 28.96 | 2.44 | 61.98 59.18 | 1.94 | 49.28 27.69 |
| | 02 | 16 | | 1.35 | 34.16 | 1.16 | 29.36 | 1.14 | 28.96 | 1.98 | 50,29 | 1.09 | 27.69 |
| 20 | 03 | 43 | 37/20 | 1.35 | 34.16 | 1.03 | 26.09 | 1 14 | 28.96 | 2.33 | 59.18 | 1.09 | 27.69 |
| 20 | 04 | 54 | 01720 | 1.35 | 34.16 | 1.06 | 26.90 | 1.14 | 28.96 | 2.33 | 59.18 | 1.09 | 27.69 |
| | 05 | 55 | | 1.35 | 34.16 | 1.38 | 34.93 | 2.14 | 54.36 | 2.61 | 66.29 | 2.06 | 52.32 |
| | 01 | 17 | | 1.47 | 37.29 | 1.06 | 26.90 | 1.29 | 32.77 | 2.44 | 61.98 | 1.19 | 30.23 |
| | 02 | 18 |] | 1.47 | 37.29 | 1.38 | 34.93 | 1.29 | 32.77 | 2.09 | 53.09 | 1.19 | 30.23 |
| | 03 | 44 | | 1.47 | 37.29 | 1.03 | 26.09 | 1.29 | 32.77 | 2.44 | 61.98 | 1.19 | 30.23 |
| 22 | 04 | 45 | 22 | 1.47 | 37.29 | 1.03 | 26.09 | 1.29 | 32.77 | 2.44 | 61.98 | 1.19 | 30.23 |
| | 05 | 56 | | 1.47 | 37.29 | 1.03 | 26.09 | 1.29 | 32.77 | 2.44 | 61.98 | 1.19 | 30.23 |
| | 06 | 57 | | 1.47 | 37.29 | 1.16 | 29.36 | 1.29 | 32.77 | 2.44 | 61.98 | 1.19 | 30.23 |
| | 07 | 58* | | 1.47 | 37,29 | 1.38 | 34.93 | 2.14 | 54.36 | 2.61 | 66,29 | 2.06 | 52.32 |
| | 01 02 | 19 20 | | 1.59 | 40.46 | 1.06 | 26.90 34.93 | 1.29 | 32.77 | 2.44 | 61.98 | 1.19 | 30.23 |
| 24 | | | 24 | 1.59 | 40.46 | 1.38 | | 1.29 | 32.77 | 2.09 | 53.09 | 1.19 | 30.23 |
| 24 | 03 04 | 46 59 | 24 | 1.59 | 40.46 40.46 | 1.03 | 26.09 29,36 | 1.29 | 32.77 | 2.44 | 61.98 61.98 | 1 19 1 19 | 30.23 |
| | 05 | 73* | | 1.59 | 40.46 | 1.38 | 34.93 | 2.15 | 54.61 | 2.44 | 66.29 | 2.06 | 52.32 |
| | 01 | 21 | | 1.97 | 50.01 | 1.16 | 29.36 | 1.39 | 35.31 | 2.61 | 66.29 | 1.31 | 33.27 |
| | 02 | 22 | | 1.97 | 50.01 | 1.50 | 38.10 | 1.39 | 35.31 | 2.26 | 57.40 | 1.31 | 33.27 |
| 28 | 03 | 60 | 28 | 1.97 | 50,01 | 1.06 | 26.90 | 1.39 | 35.31 | 2.61 | 66.29 | 1.31 | 33.27 |
| | 04 | 61 | | 1.97 | 50.01 | 1.38 | 34.93 | 1.39 | 35.31 | 2.61 | 66.29 | 1.31 | 33.27 |
| | 01 | 23 | | 2.22 | 56.36 | 1.16 | 29.36 | 1.74 | 44.20 | 2.86 | 72.64 | 1.38 | 35.05 |
| 32 | 02 | 24 | 32 | 2.22 | 56.36 | 1.38 | 34.93 | 1.74 | 44.20 | 2.86 | 72.64 | 1.38 | 35.05 |
| 02 | 03 | 25 | 02 | 2.22 | 56.36 | 1.78 | 45.24 | 1.74 | 44.20 | 2.51 | 63.75 | 1.38 | 35.05 |
| | 04 | 62 | | 2.22 | 56.36 | 1.50 | 38.10 | 1.74 | 44.20 | 2.86 | 72.64 | 1.38 | 35.05 |
| | 01 | 26 | | 2.47 | 62.71 | 1.16 | 29.36 | 1.94 | 49.28 | 2.83 | 71.88 | 1.41 | 35.81 |
| | 02 | 27 | | 2.47 | 62.71 | 1.50 | 38.10 | 1.94 | 49.28 | 2.83 | 71.88 | 1.41 | 35.81 |
| 36 | 03 | 28 47 | 36 | 2.47 | 62.71 | 1.83 | 46.48 | 1.94 | 49.28 | 2.48 | 62.99 | 1.41 | 35.81 |
| | 04 05 | 63 | | 2.47 | 62.71 62.71 | 1.06 | 26.90 34.93 | 1.94 | 49.28 49.28 | 2.83 | 71.88 71.88 | 1.41 | 35.81 35.81 |
| | 06 | 64 | | 2.47 | 62.71 | 1.78 | 45.24 | 1.94 | 49.28 | 2.83 | 71.88 | 1.41 | 35.81 |
| | 01 | 29 | | 2.72 | 69.06 | 1.16 | 29.36 | 2.69 | 68.33 | 2.83 | 71.88 | 2.16 | 54.86 |
| | 02 | 30 | | 2.72 | 69.06 | 1.50 | 38.10 | | 68.33 | 2.83 | 71.88 | 2.16 | 54.86 |
| 40 | 03 | 31 | 4.0 | 2.72 | 69.06 | 1.83 | 46.48 | 2.69 | 68.33 | 2.48 | 62.99 | 2.16 | 54.86 |
| 40 | 04 | 48 | 40 | 2.72 | 69.06 | 1.06 | 26.90 | 1.94 | 49.28 | 2.83 | 71.88 | 2.16 | 54.86 |
| | 05 | 65 | | 2.72 | 69.06 | 1.38 | 34.93 | 2.69 | 68.33 | 2.83 | 71.88 | 2.16 | 54.86 |
| | 06 | 66 | | 2.72 | 69.06 | 1.78 | 45.24 | 2.69 | 68.33 | 2.83 | 71.88 | 2.16 | 54.86 |
| | 01 | 32 | | 2.97 | 75.41 | 1.16 | 29.36 | 2.69 | 68.33 | 2.83 | 71.88 | 2.16 | 54.86 |
| | 02 | 33 | . | 2.97 | 75.41 | 1.50 | 38.10 | 2.69 | 68.33 | 2.83 | 71.88 | 2.16 | 54.86 |
| 44 | 03 | 34 | 44 | 2.97 | 75.41 | 1.83 | 46.48 | 2.69 | 68.33 | 2.48 | 62.99 | 2.16 | 54.86 |
| | 04 | 67 | | 2.97 | 75.41 | 1.38 | 34.93 | 2.69 | 68.33 | 2.83 | 71.88 | 2.16 | 54.86 |
| | 05 | 68 | | 2.97 | 75.41 | 1.78 | 45.24 | 2.69 | 68.33 | 2.83 | 71.88 | 2.16 | 54.86 |
| | 01 | 35 | | 3.22 | 81.76 | 1.16 | 29.36 | 2.69 | 68.33 | 2.83 | 71.88 | 2.16 | 54.86 |
| 40 | 02 | 36 | 40 | 3.22 | 81.76 | 1.50 | 38.10 | | 68.33 | 2.83 | 71.88 | 2.16 | 54.86 |
| 48 | 03 | 37 | 48 | 3.22 | 81.76 | 1.83 | 46.48 | 2.69 | 68.33 | 2.48 | 62.99 | 2.16 | 54.86 |
| | 04 05 | 69 70 | | 3.22 | 81.76 81.76 | 1.38 1.78 | 34.93 45.24 | 2.69 | 68.33 68.33 | 2.83 | 71.88 71.88 | 2.16 | 54.86 54.86 |
| | 00 | 10 | | 0.22 | 01.70 | 1.70 | 40.24 | 2.03 | 00.33 | 2.00 | 11.00 | 2.10 | J4.00 |





Connector Group - J

90°, 45°

| | | | Т | ABLE | - B | | | | | | |
|------------|--------------------------|----------------------------------|-------------------------|--------|-----------------|--------------|----------------|------|----------------|--------------|----------------|
| PART I | HENOL NUMBER NATOR | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | F (N | IAX) | G (N | /IAX) | | CABLE | | |
| SHELL | ENTRY | DASH NO | | INIOII | 8484 | INIOLI | 8484 | | IN | INCH | AX |
| SIZE 08 | SIZE 01 | 3 | 8 | 1.25 | MM 31,75 | 0,96 | MM 24,31 | 0,13 | MM 3.18 | 0,25 | MM 6,35 |
| - 00 | 01 | 4 | 0 | 1.92 | 48.77 | 0.96 | 24.31 | 0.13 | 3.18 | 0.23 | 7.92 |
| 10 | 02 | 49* | 10 | 1.98 | 50.29 | 1.15 | 29.08 | 0.15 | 6.35 | 0.44 | 11.10 |
| | 03 | 5 | 10 | 1.31 | 33.27 | 1.15 | 29.08 | 0.25 | 6.35 | 0.38 | 9.53 |
| | 01 | 6 | | 1,98 | 50.29 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| 4.0 | 02 | 71* | 7/10 | 2.18 | 55.37 | 1.33 | 33.83 | 0.35 | 8.89 | 0.63 | 15.88 |
| 12 | 03 | 7 | 7/12 | 1.98 | 50.29 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| | 04 | 8 | | 1.98 | 50.29 | 1.33 | 33.83 | 0.35 | 8.89 | 0.50 | 12.70 |
| | 01 | 9 | | 2.07 | 52.58 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| 14 | 02 | 10 | 12/14 | 1.72 | 43.69 | 1.33 | 33.83 | 0.35 | 8.89 | 0.58 | 14.61 |
| 14 | 03 | 50* | 12/14 | 2.37 | 60.20 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | 04 | 74 | | 2.07 | 52.58 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| | 01 | 11 | 10/16 | 2.18 | 55.37 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| | 02 | 12 | 19/16 | 1.82 | 46.23 | 1.55 | 39.40 | 0.50 | 12.70 | 0.70 | 17.78 |
| 16 | 03 | 40 | 19/16 | 2.18 | 55.37 | 1.33 | 33.83 | 0.35 | 8.89 | 0.63 | 15.88 |
| | 04 | 51* | | 2.52 | 64.01 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| | 05 | 75 | | 2.18 | 55.37 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| | 01 | 13 | | 2.37 | 60.20 | 1.33 | 33.83 | 0.35 | 8.89 | 0.63 | 15.88 |
| | 02 | 14 | | 2.00 | 50.80 | 1.77 | 44.96 | 0.63 | 15.88 | 0.78 | 19.79 |
| 18 | 03 | 41 42 | 27/18 | 2.37 | 60.20 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| | 05 | 52 | | 2.37 | 60.20 | 1.15 | 29.08 39.40 | 0.25 | 6.35 12.70 | 0.44 | 11.10 19.05 |
| | 06 | 72* | | 2.52 | 64.01 | 1.77 | 44.96 | 0.63 | 15.88 | 0.73 | 23.80 |
| | 01 | 15 | | 2.37 | 60.20 | 1.33 | 33.83 | 0.03 | 8.89 | 0.63 | 15.88 |
| | 02 | 16 | | 2.00 | 50.80 | 1.77 | 44.96 | 0.63 | 15.88 | 0.03 | 22.96 |
| 20 | 03 | 43 | 37/20 | 2.37 | 60.20 | 1.15 | 29.08 | 0.05 | 6.35 | 0.30 | 11.10 |
| | 04 | 54 | 01720 | 2.37 | 60.20 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | 05 | 55 | | 2.57 | 65.28 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 01 | 17 | | 2.52 | 64.01 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | 02 | 18 | | 2.16 | 54.86 | 2.11 | 53.67 | 0.88 | 22.23 | 1.03 | 26.14 |
| | 03 | 44 | | 2.52 | 64.01 | 0.96 | 24.31 | 0.13 | 3.18 | 0.31 | 7.92 |
| 22 | 04 | 45 | 22 | 2.52 | 64.01 | 1.15 | 29.08 | 0.25 | 6.35 | 0.44 | 11.10 |
| | 05 | 56 | | 2.52 | 64.01 | 1.33 | 33.83 | 0.35 | 8.89 | 0.63 | 15.88 |
| | 06 | 57 | | 2.52 | 64.01 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| | 07 | 58* | | 2.57 | 65.28 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 01 | 19 | | 2.52 | 64.01 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | 02 | 20 | | 2.16 | 54.86 | 2.11 | 53.67 | 0.88 | 22.23 | 1.14 | 29.06 |
| 24 | 03 | 46 | 24 | 2.52 | 64.01 | 1.33 | 33.83 | 0.35 | 8.89 | 0.63 | 15.88 |
| | 04 | 59 | | 2.52 | 64.01 | 1.77 | 44.96 | 0.63 | 15.88 | | |
| \vdash | 05 | 73* | | 2.57 | 65.28 | 2.12 | 53.75 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 01 | 21 | | 2.57 | 65.28 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23,80 |
| 28 | 02 | 22 60 | 28 | 2.22 | 56.39 65.28 | 2.36 1.55 | 60.02 39.40 | 1.00 | 25.40 12.70 | 1.38 | 34.93 |
| | 03 | 61 | | 2.57 | 65.28 | 2.11 | 53.67 | 0.50 | 22.23 | 0.75 1.25 | 19.05 31.75 |
| | 01 | 23 | | 2.67 | 67.82 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| | 02 | 24 | | 2.67 | 67.82 | 2.11 | 53.67 | 0.03 | 22.23 | 1.25 | 31.75 |
| 32 | 03 | 25 | 32 | 2.32 | 58.93 | 2.77 | 70.36 | 1.25 | 31.75 | 1.63 | 41.28 |
| | 04 | 62 | | 2.67 | 67.82 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| | - 1 | ı | I . | | 002 | | | | | | 000 |



Connector Group - J

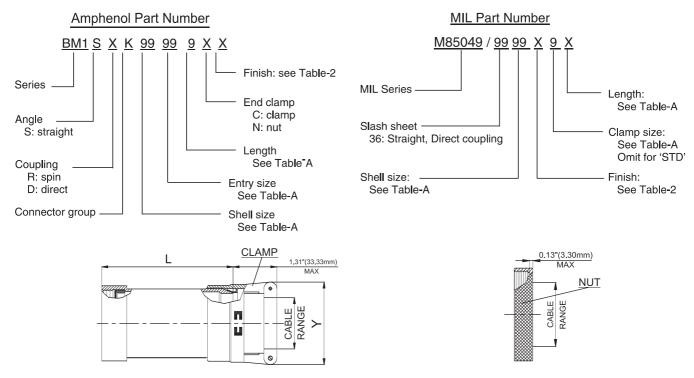
| | | | т | ABLE | - B | | | | | | |
|--------|--------------------------|----------------------------------|-------------------------|------|-------|------|-------|------|-------|-------|-------|
| PART I | HENOL NUMBER NATOR | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | | IAX) | G (N | /IAX) | ı | CABLE | RANGI | E |
| SHELL | ENTRY | DASH NO | | | | | | M | IN | M | AX |
| SIZE | SIZE | DASH NO | | INCH | MM | INCH | MM | INCH | MM | INCH | MM |
| | 01 | 23 | | 2.67 | 67.82 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23,80 |
| 32 | 02 | 24 | 32 | 2.67 | 67.82 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| 02 | 03 | 25 | 32 | 2.32 | 58.93 | 2.77 | 70.36 | 1.25 | 31.75 | 1.63 | 41.28 |
| | 04 | 62 | | 2.67 | 67.82 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| | 01 | 26 | | 2.76 | 70.10 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| | 02 | 27 | | 2.76 | 70.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| 36 | 03 | 28 | 36 | 2.41 | 61.21 | 3.02 | 76.71 | 1.44 | 36.50 | 1.84 | 46.74 |
| 30 | 04 | 47 | 30 | 2.76 | 70.10 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | 05 | 63 | | 2.76 | 70.10 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 06 | 64 | | 2.76 | 70.10 | 2.77 | 70.36 | 1.25 | 31.75 | 1.63 | 41.28 |
| | 01 | 29 | | 2.76 | 70.10 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23,80 |
| | 02 | 30 | | 2.76 | 70.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| 40 | 03 | 31 | 40 | 2.41 | 61.21 | 3.02 | 76.71 | 1.44 | 36.50 | 1.88 | 47.63 |
| 40 | 04 | 48 | 40 | 2.76 | 70.10 | 1.55 | 39.40 | 0.50 | 12.70 | 0.75 | 19.05 |
| | 05 | 65 | | 2.76 | 70.10 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 06 | 66 | | 2.76 | 70.10 | 2.77 | 70.36 | 1.25 | 31.75 | 1.63 | 41.28 |
| | 01 | 32 | | 2.76 | 70.10 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| | 02 | 33 | | 2.76 | 70.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| 44 | 03 | 34 | 44 | 2.41 | 61.21 | 3.02 | 76.71 | 1.44 | 36.50 | 1.88 | 47.63 |
| | 04 | 67 | | 2.76 | 70.10 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 05 | 68 | | 2.76 | 70.10 | 2.77 | 70.36 | 1.25 | 31.75 | 1.63 | 41.28 |
| | 01 | 35 | | 2.76 | 70.10 | 1.77 | 44.96 | 0.63 | 15.88 | 0.94 | 23.80 |
| | 02 | 36 | | 2.76 | 70.10 | 2.36 | 60.02 | 1.00 | 25.40 | 1.38 | 34.93 |
| 48 | 03 | 37 | 48 | 2.41 | 61.21 | 3.02 | 76.71 | 1.44 | 36.50 | 1.88 | 47.63 |
| | 04 | 69 | | 2.76 | 70.10 | 2.11 | 53.67 | 0.88 | 22.23 | 1.25 | 31.75 |
| | 05 | 70 | | 2.76 | 70.10 | 2.77 | 70.36 | 1.25 | 31.75 | 1.63 | 41.28 |



Non-Environmental EMI / RFI Backshell

Connector Group - K

Straight



NOTE: * For more cable entry and length options, contact factory

| | | | | | - | TABLE - A | | | | | | | | |
|-------|--------------------|--------|------------|-------------------|-----------|-------------|------|-------|------|---------------|--------------|----------------|------|-------|
| | PHENOL ER DESIG | | | RT NUMB GNATOR | | CONNECTOR | | CABLE | | | L (N | MAX) | Y (N | IAX) |
| SHELL | ENTRY | | ACCESSORY | CLAMP | | SHELL SIZE | M | IN | M | AX | | | | |
| SIZE | SIZE | LENGTH | SHELL SIZE | SIZE | LENGTH | SE - II / I | INCH | MM | INCH | ММ | INCH | MM | INCH | ММ |
| | 01 | 1 2 | | 1 | STD. | | 0.06 | 1.57 | 0.13 | 3.18 | 1.53 2.53 | 38.86 64.26 | 0.78 | 19.81 |
| 08 | 02 | 1 | 08 | 2 | STD. | 8/9 | 0.13 | 3.18 | 0.25 | 6.35 | 1.53 | 38.86 | 0.97 | 24.64 |
| | | 2 | | | A STD. | | | | | | 2.53 1.53 | 64.26 38.86 | | |
| | 01 | 2 | | 1 | А | | 0.06 | 1.57 | 0.13 | 3.18 | 2.53 | 64.26 | 0.78 | 19.81 |
| 10 | 02 | 1 2 | 10 | 2 | STD. | 10 / 11 | 0.13 | 3.18 | 0.25 | 6 . 35 | 1.53 2.53 | 38.86 64.26 | 0.97 | 24.64 |
| | 03 | 1 | | 3 | STD. | | 0,25 | 6,35 | 0,38 | 9.53 | 1.53 | 38.86 | 1.06 | 26.92 |
| | 01 | 2 1 | | 2 | A STD. | | 0.13 | 3.18 | 0,25 | 6,35 | 2.53 1.53 | 64.26 38.86 | 0.97 | 24.64 |
| | | 2 | | | Α | | 0.10 | 0.10 | 0.20 | 0.00 | 2.53 | 64.26 | 0.07 | 21.01 |
| 12 | 02 | 2 | 12 | 3 | STD. | 12 / 13 | 0.25 | 6.35 | 0.38 | 9.53 | 1.53 2.53 | 38.86 64.26 | 1.06 | 26.92 |
| | 03 | 1 2 | , | 4 | STD. | | 0.31 | 7.92 | 0.50 | 12.70 | 1.53 2.53 | 38.86 64.26 | 1.16 | 29.46 |
| | | 1 | | | A STD. | | | | | | 1.53 | 38.86 | | |
| | 01 | 2 | • | 2 | A | | 0.13 | 3.18 | 0.25 | 6.35 | 2.53 | 64.26 | 0.97 | 24.64 |
| | | 3 | | | В | | | | | | 3.53 | 89.66 | | |
| | 02 | 1 | | 3 | STD. | | 0.25 | 6.35 | 0.38 | 9.53 | 1.53 | 38.86 64.26 | 1.06 | 26.92 |
| | 02 | 3 | | 3 | A B | | 0.25 | 6.35 | 0.38 | 9.53 | 2.53 3.53 | 89.66 | 1.06 | 26.92 |
| 14 | | 1 | 14 | | STD. | 14 / 15 | | | | | 1.53 | 38.86 | | |
| | 03 | 2 | | 4 | A B | | 0.31 | 7.92 | 0.50 | 12.70 | 2.53 | 64.26 | 1.16 | 29.46 |
| | | 3 | | | STD. | | | | | | 3.53 1.53 | 89.66 38.86 | | |
| | 04 | 2 | | 5 | A B | | 0.44 | 11.10 | 0.63 | 15.88 | 2.53 | 64.26 | 1.25 | 31.75 |
| | | 3 | | | В | | | | | | 3.53 | 89.66 | | |



Connector Group - K

Straight

| | | | | | | TABLE - A | | | | | | | | |
|-------|----------|--------|------------|-------|-----------|-------------------------|------|-------|-------|-------|--------------|-----------------|------|-------|
| | PHENOL | | MIL PAR | | | | | CABLE | RANGE | | L (I | MAX) | Y (N | IAX) |
| SHELL | ER DESIG | SNATOR | ACCESSORY | CLAMP | | CONNECTOR SHELL SIZE | | IN | | AX | - (- | | | |
| SIZE | SIZE | LENGTH | SHELL SIZE | SIZE | LENGTH | SE - II / I | INCH | ММ | INCH | ММ | INCH | ММ | INCH | мм |
| | 0.4 | 1 | | | STD. | | | | | | 1.53 | 38.86 | | |
| | 01 | 2 | | 2 | A B | | 0.13 | 3.18 | 0.25 | 6.35 | 2.53 3.53 | 64.26 89.66 | 0.97 | 24.64 |
| | 02 | 1 2 | | 3 | STD. | | 0.25 | 6.35 | 0.38 | 9.53 | 1.53 | 38.86 64.26 | 1.06 | 26.92 |
| | 02 | 3 | | 3 | A B | | 0.25 | 0.33 | 0.36 | 9.55 | 2.53 3.53 | 89.66 | 1.00 | 20.92 |
| 16 | 03 | 2 | 16 | 4 | STD. | 16 / 17 | 0.31 | 7.92 | 0.50 | 12.70 | 1.53 2.53 | 38.86 64.26 | 1.16 | 29.46 |
| | | 3 | | | В | 10717 | 0.01 | 7102 | 0.00 | 12170 | 3.53 | 89.66 | 1110 | 20110 |
| | 04 | 1 2 | , | 5 | STD. | | 0.44 | 11.10 | 0.63 | 15.88 | 1.53 2.53 | 38.86 64.26 | 1.25 | 31.75 |
| | - ' | 3 | • | | В | | | | | | 3.53 | 89.66 | | |
| | 05 | 2 | | 6 | STD. | | 0.56 | 14.27 | 0.75 | 19.05 | 1.53 2.53 | 38.86 64.26 | 1.38 | 35.05 |
| | | 3 1 | ' | | B STD. | | | | | | 3.53 | 89.66 | | |
| | 01 | 2 | | 3 | A A | | 0.25 | 6.35 | 0.38 | 9.53 | 1.53 2.53 | 38.86 64.26 | 1.06 | 26.92 |
| | | 3 | | | B STD. | | | | | | 3.53 1.53 | 89.66 38.86 | | |
| | 02 | 2 | | 4 | Α | | 0.31 | 7.92 | 0.50 | 12.70 | 2.53 | 64.26 | 1.16 | 29.46 |
| | | 3 | | | B STD. | | | | | | 3.53 1.53 | 89.66 38.86 | | |
| 18 | 03 | 2 | 18 | 5 | A B | 18 / 19 | 0.44 | 11.10 | 0.63 | 15.88 | 2.53 3.53 | 64.26 89.66 | 1.25 | 31.75 |
| | | 1 | | | STD. | | | | | | 1.53 | 38.86 | | |
| | 04 | 2 | , | 6 | A B | | 0.56 | 14.27 | 0.75 | 19.05 | 2.53 | 64.26 89.66 | 1.38 | 35.05 |
| | 0.5 | 1 | | 7 | STD. | | 0.00 | 47.45 | 0.00 | 00.00 | 1.53 | 38.86 | 4.50 | 00.40 |
| | 05 | 3 | | 7 | A B | | 0.69 | 17.45 | 0.88 | 22.23 | 2.53 3.53 | 64.26 89.66 | 1.50 | 38.10 |
| | | 2 | | | STD. | | | | | | 1.53 2.53 | 38.86 64.26 | | |
| | 01 | 3 | | 3 | В | | 0.25 | 6.35 | 0.38 | 9.53 | 3.53 | 89.66 | 1.06 | 26.92 |
| | | 4 | | | C STD, | | | | | | 4.53 1.53 | 115.06 38.86 | | |
| | 02 | 2 | | 4 | A B | | 0.31 | 7.92 | 0.50 | 12.70 | 2.53 | 64.26 89.66 | 1.16 | 29.46 |
| | | 4 | | | С | | | | | | 4.53 | 115.06 | | |
| | | 2 | | | STD. | | | | | | 1.53 2.53 | 38.86 64.26 | | |
| | 03 | 3 | | 5 | В | | 0.44 | 11.10 | 0.63 | 15.88 | 3.53 | 89.66 | 1.25 | 31.75 |
| 20 | | 4 | 20 | | C STD. | 20 / 21 | | | | | 4.53 1.53 | 115.06 38.86 | | |
| | 04 | 2 | • | 6 | A B | | 0.56 | 14.27 | 0.75 | 19.05 | 2.53 3.53 | 64.26 89.66 | 1.38 | 35.05 |
| | | 4 | | | С | | | | | | 4.53 | 115.06 | | |
| | 0- | 1 2 | | _ | STD. | | | | | | 1.53 2.53 | 38.86 64.26 | | |
| | 05 | 3 | | 7 | В | | 0.69 | 17.45 | 0.88 | 22.23 | 3.53 | 89.66 | 1.50 | 38.10 |
| | | 4 | | | C STD. | | | | | | 4.53 1.53 | 115.06 38.86 | | |
| | 06 | 2 | | 8 | A B | | 0.81 | 20.62 | 1.00 | 25.40 | 2.53 3.53 | 64.26 89.66 | 1.63 | 41.40 |
| | | 4 | • | | C | | | | | | 4.53 | 115.06 | | |



Non-Environmental EMI / RFI Backshell

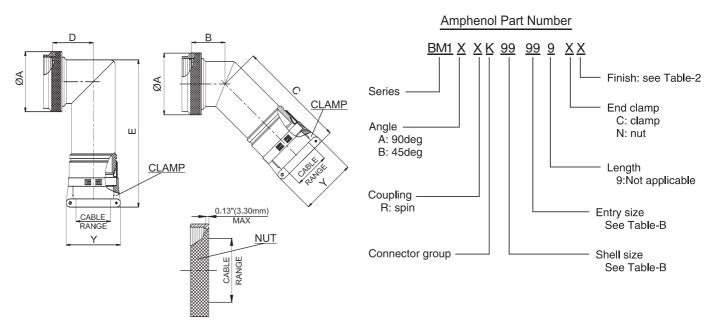
Connector Group - K

| | | | | | | TABLE - A | | | | | | | | |
|-------|--------------------|---------|------------|------------------|-----------|-------------------------|------|-------|-------|-------|--------------|-----------------|------|-------|
| | PHENOL ER DESIG | | | T NUMB GNATOR | | | | CABLE | RANGE | ≣ | L (I | MAX) | Y (N | IAX) |
| SHELL | ENTRY | SILATOR | ACCESSORY | CLAMP | | CONNECTOR SHELL SIZE | M | IN | M | AX | | | | |
| SIZE | SIZE | LENGTH | SHELL SIZE | SIZE | LENGTH | SE - II / I | INCH | ММ | INCH | MM | INCH | мм | INCH | мм |
| | | 1 | | | STD. | | | | | | 1.53 | 38.86 | | |
| | 01 | 3 | | 3 | A B | | 0.25 | 6.35 | 0.38 | 9.53 | 2.53 | 64.26 89.66 | 1.06 | 26.92 |
| | | 4 | | | С | | | | | | 4.53 | 115.06 | | |
| | | 2 | , | | STD. | | | | | | 1.53 2.53 | 38.86 64.26 | | |
| | 02 | 3 | • | 4 | В | | 0.31 | 7.92 | 0.50 | 12.70 | 3.53 | 89.66 | 1.16 | 29.46 |
| | | 4 | | | С | | | | | | 4.53 | 115.06 | | |
| | | 2 | • | _ | STD. | | | | | | 1.53 2.53 | 38.86 64.26 | | |
| | 03 | 3 | | 5 | В | | 0.44 | 11.10 | 0.63 | 15.88 | 3.53 | 89.66 | 1.25 | 31.75 |
| | | 4 | | | C STD. | | | | | | 4.53 1.53 | 115.06 38.86 | | |
| 22 | 04 | 2 | 22 | 6 | A | 22 /23 | 0.56 | 14.27 | 0.75 | 19.05 | 2.53 | 64.26 | 1.38 | 35.05 |
| 22 | 04 | 3 | 22 | 0 | В | 22/23 | 0.50 | 14.21 | 0.73 | 19.03 | 3.53 | 89.66 | 1.30 | 33.03 |
| | | 4 | | | C STD. | | | | | | 4.53 1.53 | 115.06 38.86 | | |
| | 05 | 2 | | 7 | Α | | 0.69 | 17.45 | 0.88 | 22.23 | 2.53 | 64.26 | 1.50 | 38.10 |
| | | 3 4 | | | B C | | | | | | 3.53 4.53 | 89.66 115.06 | | |
| | | 1 | | | STD. | | | | | | 1.53 | 38.86 | | |
| | 06 | 2 | | 8 | A B | | 0.81 | 20.62 | 1.00 | 25.40 | 2.53 3,53 | 64.26 89.66 | 1.63 | 41.40 |
| | | 4 | • | | С | | | | | | 4.53 | 115.06 | | |
| | | 1 | , | | STD. | | | | | | 1.53 | 38.86 | | |
| | 07 | 3 | | 9 | A B | | 0.94 | 23.80 | 1.13 | 28.58 | 2.53 3.53 | 64.26 89.66 | 1.75 | 44.45 |
| | | 4 | | | С | | | | | | 4.53 | 115.06 | | |
| | | 2 | | | STD. | | | | | | 1.53 2.53 | 38.86 64.26 | | |
| | 01 | 3 | | 4 | В | | 0.31 | 7.92 | 0.50 | 12.70 | 3.53 | 89.66 | 1.16 | 29.46 |
| | | 4 | | | C STD. | | | | | | 4.53 1.53 | 115.06 38.86 | | |
| | 00 | 2 | • | _ | A A | | 0.44 | 11 10 | 0.00 | 15.00 | 2.53 | 64.26 | 1.05 | 01.75 |
| | 02 | 3 | | 5 | В | | 0.44 | 11.10 | 0.63 | 15.88 | 3.53 | 89.66 | 1.25 | 31.75 |
| | | 4 | | | C STD. | | | | | | 4.53 1.53 | 115.06 38.86 | | |
| | 03 | 2 | | 6 | Α | | 0.56 | 14.27 | 0.75 | 19.05 | 2.53 | 64.26 | 1.38 | 35.05 |
| | | 3 4 | , | | B C | | | | | | 3.53 4.53 | 89.66 115.06 | | |
| | | 1 | | | STD. | | | | | | 1.53 | 38.86 | | |
| 24 | 04 | 2 | 24 | 7 | A | 24 / 25 | 0.69 | 17.45 | 0.88 | 22.23 | 2.53 | 64.26 | 1.50 | 38.10 |
| | | 3 4 | | | B C | | | | | | 3.53 4.53 | 89.66 115.06 | | |
| | | 1 | | | STD. | | | | | | 1.53 | 38.86 | | |
| | 05 | 3 | , | 8 | A B | | 0.81 | 20.62 | 1.00 | 25.40 | 2.53 3.53 | 64.26 89.66 | 1.63 | 41.40 |
| | | 4 | | | С | | | | | | 4.53 | 115.06 | | |
| | | 1 2 | • | | STD. | | | | _ | | 1.53 2.53 | 38.86 64.26 | _ | |
| | 06 | 3 | | 9 | A B | | 0.94 | 23.80 | 1.13 | 28.58 | 3.53 | 89.66 | 1.75 | 44.45 |
| | | 4 | | | С | | | | | | 4.53 | 115.06 | | |
| | | 2 | | 4.0 | STD. | | 4.00 | | | 04 == | 1.53 2.53 | 38.86 64.26 | | |
| | 07 | 3 | | 10 | В | | 1.06 | 26.97 | 1.25 | 31.75 | 3.53 | 89.66 | 1.88 | 47.75 |
| L | <u> </u> | 4 | | | С | | | | | | 4.53 | 115.06 | | |



Connector Group - K

90°, 45°



NOTE: * For more cable entry options, contact factory

| | | | | | | | | TARI | E - B |) | | | | | | | | | | |
|-------|-----------------------|-------------------------|--------|-------------|------|-------|-------|----------------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| | IOL PART Esignator | MIL PART NU DESIGNAT | | CONNECTOR | (| CABLE | RANGE | | | (MAX) | В (М | IAX) | C (N | IAX) | D (N | IAX) | E (N | IAX) | Y (N | /IAX) |
| SHELL | ENTRY | | CLAMP | SHELL SIZE | MI | IN | M | AX | | | | | | | | | | | | |
| SIZE | SIZE | SHELL SIZE | SIZE | SE – II / I | INCH | MM | INCH | ММ | INCH | ММ | INCH | MM | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ |
| 08 | 01 | 08 | 1 | 8/9 | 0.06 | 1.57 | 0.13 | 3.18 | 0.75 | 19.05 | 0.46 | 11.68 | 3.15 | 80.01 | 0.69 | 17.53 | 3.46 | 87.88 | 0.78 | 19.81 |
| | 02 | 00 | 2 | 6/9 | 0.13 | 3.18 | 0.25 | 6.35 | 0.73 | 19.03 | 0.40 | 11.00 | 3.13 | 00.01 | 0.09 | 17.55 | 3.40 | 57.50 | 0.97 | 24.64 |
| | 01 | | 1 | | 0.06 | 1.57 | 0.13 | 3.18 | | | | | | | | | | | 0.78 | 19.81 |
| 10 | 02 | 10 | 2 | 10 / 11 | 0.13 | 3.18 | 0.25 | 6.35 | 0.85 | 21.59 | 0.52 | 13.21 | 3.21 | 81.53 | 0.78 | 19.81 | 3.58 | 90.93 | 0.97 | 24.64 |
| | 03 | | 3 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| | 01 | | 2 | | 0.13 | 3.18 | 0.25 | 6.35 | | | | | | | | | | | 0.97 | 24.64 |
| 12 | 02 | 12 | 3 | 12 / 13 | 0.25 | 6.35 | 0.38 | 9.53 | 1.00 | 25.40 | 0.58 | 14.73 | 3.27 | 83.06 | 0.80 | 20.32 | 3.60 | 91.44 | 1.06 | 26.92 |
| | 03 | | 4 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| | 01 | | 2 | | 0.13 | 3.18 | 0.25 | 6.35 | | | | | | | | | | | 0.97 | 24.64 |
| 14 | 02 | 14 | 3 | 14 / 15 | 0.25 | 6.35 | 0.38 | 9.53 | 1.15 | 29.21 | 0.65 | 16.51 | 3.36 | 85.34 | 0.88 | 22.35 | 3.67 | 93.22 | 1.06 | 26.92 |
| '' | 03 | | 4 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | **** | | | | 1.16 | 29.46 |
| | 04 | | 5 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| | 01 | | 2 | | 0.13 | 3.18 | 0.25 | 6.35 | | | | | | | | | | | 0.97 | 24.64 |
| ۱ ۵ | 02 | 40 | 3 | 40/47 | 0.25 | 6.35 | 0.38 | 9.53 | 4.05 | 04.75 | 0.74 | 40.00 | 0.47 | 00.44 | | 00.00 | 0.70 | 05.50 | 1.06 | 26.92 |
| 16 | 03 | 16 | 4 | 16 / 17 | 0.31 | 7.92 | 0.50 | 12.70 | 1.25 | 31.75 | 0.74 | 18.80 | 3.47 | 88.14 | 0.93 | 23.62 | 3.76 | 95.50 | 1.16 | 29.46 |
| | 04 | | 5 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| | 05 | | 6 | | 0.56 | 14.27 | 0.75 | 19.05 | | | | | | | | | | | 1.38 | 35.05 |
| | 01 | | 3 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| 18 | 02 | 18 | 4 5 | 18 / 19 | 0.31 | 7.92 | 0.50 | 12.70 15.88 | 1.40 | 35.56 | 0.93 | 23.62 | 3,66 | 92.96 | 1 01 | 25,65 | 3.93 | 99.82 | 1.16 | 29.46 |
| 18 | 03 | 18 | 6 | 18/19 | 0.44 | 14.27 | 0.63 | 19.05 | 1.40 | 35.56 | 0.93 | 23.62 | 3.00 | 92.96 | 1.01 | 25.05 | 3.93 | 99.82 | 1.25 | 35.05 |
| | 05 | | 7 | | 0.56 | 17.45 | 0.75 | 22.23 | | | | | | | | | | | 1.50 | 38.10 |
| | 01 | | 3 | | 0.69 | 6.35 | 0.88 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| | 02 | | 4 | | 0.25 | 7.92 | 0.50 | 12,70 | | | | | | | | | | | 1,16 | 29.46 |
| | 03 | | 5 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| 20 | 04 | 20 | 6 | 20 / 21 | 0.56 | 14.27 | 0.75 | 19.05 | 1.55 | 39.37 | 0.93 | 23.62 | 3.66 | 92.96 | 1.06 | 26.92 | 3.93 | 99.82 | 1.38 | 35.05 |
| | 05 | | 7 | | 0.69 | 17.45 | 0.88 | 22.23 | | | | | | | | | | | 1.50 | 38.10 |
| | 06 | | 8 | † | 0.81 | 20.62 | 1.00 | 25.40 | | | | | | | | | | | 1.63 | 41.40 |



Non-Environmental EMI / RFI Backshell

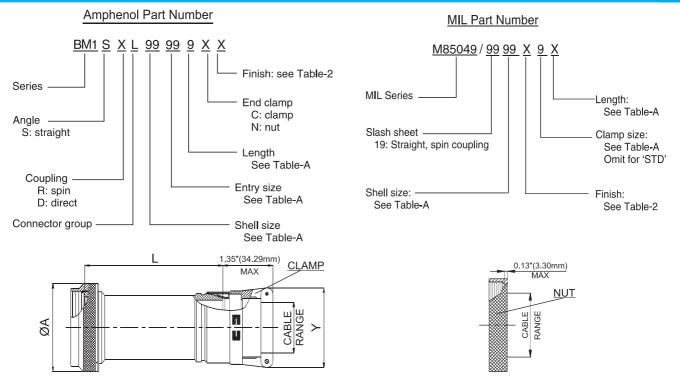
Connector Group - K

| | | | | | | | | TAB | LE - E | 3 | | | | | | | | | | |
|-------|-----------------------|-------------------------|-------|------------|------|-------|-------|-------|--------|-------|------|-------|------|-------|------|-------|------|--------|------|-------|
| | IOL PART Esignator | MIL PART NU Designat | | CONNECTOR | (| CABLE | RANGE | | A DIA. | (MAX) | B (N | IAX) | C (N | ЛАХ) | D (N | IAX) | E (N | IAX) | Y (N | IAX) |
| SHELL | ENTRY | | CLAMP | SHELL SIZE | M | N | M | AX | | | | | | | | | | | | |
| SIZE | SIZE | SHELL SIZE | SIZE | SE-II/I | INCH | ММ | INCH | ММ | INCH | MM | INCH | MM | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ |
| | 01 | | 3 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| | 02 | | 4 |] | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| | 03 | | 5 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| 22 | 04 | 22 | 6 | 22 / 23 | 0.56 | 14.27 | 0.75 | 19.05 | 1.65 | 41.91 | 1.02 | 25.91 | 3.81 | 96.77 | 1.17 | 29.72 | 4.04 | 102.62 | | 35.05 |
| | 05 | | 7 | | 0.69 | 17.45 | 0.88 | 22,23 | | | | | | | | | | | 1.50 | 38.10 |
| | 06 | | 8 |] | 0.81 | 20.62 | 1.00 | 25.40 | | | | | | | | | | | 1.63 | 41.40 |
| | 07 | | 9 | | 0.94 | 23.80 | 1.13 | 28.58 | | | | | | | | | | | 1.75 | 44.45 |
| | 01 | | 4 |] | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| | 02 | | 5 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| | 03 | | 6 |] | 0.56 | 14.27 | 0.75 | 19.05 | | | | | | | | | | | 1.38 | 35.05 |
| 24 | 04 | 24 | 7 | 24 / 25 | 0.69 | 17.45 | 0.88 | 22.23 | 1.85 | 46.99 | 1.02 | 25.91 | 3.81 | 96.77 | 1.18 | 29.97 | 4.04 | 102.62 | | 38.10 |
| | 05 | | 8 | | 0.81 | 20.62 | 1.00 | 25.40 | | | | | | | | | | | 1.63 | 41.40 |
| | 06 | | 9 |] | 0.94 | 23.80 | 1.13 | 28.58 | | | | | | | | | | | 1.75 | 44.45 |
| | 07 | | 10 | | 1.06 | 26.97 | 1.25 | 31.75 | | | | | | | | | | | 1.88 | 47.75 |



Connector Group - L

Straight



NOTE: * For more cable entry and length options, contact factory

| NOTE. | | | end y and leng | , , | ., | TABL | E-A | | | | | | | | | |
|-------|--------------------|--------|----------------|---------|-----------|---------------------|------|-------|-------|-------|-------|---------|--------------|----------------|------|-------|
| | PHENOL ER DESIG | | | RT NUME | | CONNECTOR | | CABLE | RANGE | • | A DIA | . (MAX) | L (N | ЛАХ) | Y (N | ЛАХ) |
| SHELL | ENTRY | | CONNECTOR | CLAMP | | SHELL | M | IN | M | ٩X | | | | | | |
| SIZE | SIZE | LENGTH | SHELL SIZE | SIZE | LENGTH | SIZE/CODE (REF.) | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | мм |
| | 01 | 1 2 | | 1 | STD. | | 0.06 | 1.57 | 0.13 | 3.18 | | | 1.53 2.53 | 38.86 64.26 | 0.80 | 20.32 |
| 80 | 02 | 1 | 09 | 2 | STD. | 09 / A | 0.13 | 3.18 | 0.25 | 6.35 | 0.75 | 19.05 | 1.53 | 38.86 | 1.00 | 25.40 |
| | 01 | 2 1 | | 1 | A STD. | | 0.06 | 1,57 | 0.13 | 3.18 | | | 2.53 1.53 | 64.26 38.86 | 0.80 | 20.32 |
| 10 | 02 | 1 | 44 | | A STD. | 11 / B | 0.13 | 3.18 | | | 0.85 | 21.59 | 2.53 1.53 | 64.26 38.86 | 1.00 | |
| 10 | | 2 | 11 | 2 | A STD. | 11/8 | | | 0.25 | 6.35 | 0.85 | 21.59 | 2.53 1.53 | 64.26 38.86 | | 25.40 |
| | 03 | 2 | | 3 | Α | | 0.25 | 6.35 | 0.38 | 9.53 | | | 2.53 | 64.26 | 1.10 | 27.94 |
| | 01 | 2 | | 2 | STD. | | 0.13 | 3.18 | 0.25 | 6.35 | | | 1.53 2.53 | 38.86 64.26 | 1.00 | 25.40 |
| 12 | 02 | 1 2 | 13 | 3 | STD. | 13 / C | 0.25 | 6.35 | 0.38 | 9.53 | 1.00 | 25.40 | 1.53 2.53 | 38.86 64.26 | 1.10 | 27.94 |
| | 03 | 1 2 | | 4 | STD. | | 0.31 | 7.92 | 0.50 | 12.70 | | | 1.53 2.53 | 38.86 64.26 | 1.20 | 30.48 |
| | 01 | 1 2 | | 2 | STD. | | 0.13 | 3,18 | 0.25 | 6.35 | | | 1.53 2.53 | 38.86 64.26 | 1.00 | 25.40 |
| | • | 3 | | _ | В | | | | 0.20 | | | | 3.53 1.53 | 89.66 | | |
| | 02 | 2 | | 3 | STD. | | 0.25 | 6.35 | 0.38 | 9.53 | | | 2.53 | 38.86 64.26 | 1.10 | 27.94 |
| 14 | | 3 1 | 15 | | B STD. | 15 / D | | | | | 1.10 | 27.94 | 3.53 1.53 | 89.66 38.86 | | |
| | 03 | 2 | | 4 | A B | | 0.31 | 7.92 | 0.50 | 12.70 | | | 2.53 3.53 | 64.26 89.66 | 1.20 | 30.48 |
| | 0.4 | 1 | | | STD. | | 0.44 | 4440 | 0.00 | 45.00 | | | 1.53 | 38.86 | 1.05 | 04.75 |
| | 04 | 2 3 | | 5 | A B | | 0.44 | 11.10 | 0.63 | 15.88 | | | 2.53 3.53 | 64.26 89.66 | 1.25 | 31.75 |



Connector Group - L

| | | | | | | TABLI | E - A | | | | | | | | | |
|-------|--------------------|--------|------------|---------|-----------|---------------------|-------|-------|-------|----------|-------|---------|--------------|----------------|------|-------|
| | PHENOL ER DESIG | | | RT NUME | | CONNECTOR | | CABLE | RANGE | E | A DIA | . (MAX) | L (N | ЛАХ) | Y (N | IAX) |
| SHELL | ENTRY | LENGTH | CONNECTOR | CLAMP | | SHELL | M | IN | M | AX | | | | | | |
| SIZE | SIZE | LENGTH | SHELL SIZE | SIZE | LENGTH | SIZE/CODE (REF.) | INCH | ММ | INCH | мм | INCH | ММ | INCH | мм | INCH | мм |
| | 0.4 | 1 | | | STD. | | 0.40 | 0.40 | | | | | 1.53 | 38.86 | 4 00 | 0= 40 |
| | 01 | 3 | | 2 | A B | | 0.13 | 3.18 | 0.25 | 6.35 | | | 2.53 3.53 | 64.26 89.66 | 1.00 | 25.40 |
| | | 1 | | | STD. | | | | | | | | 1.53 | 38.86 | | |
| | 02 | 2 | | 3 | A | | 0.25 | 6.35 | 0.38 | 9.53 | | | 2.53 | 64.26 | 1.10 | 27.94 |
| | | 3 | | | B STD. | | | | | | | | 3.53 1.53 | 89.66 38.86 | | |
| 16 | 03 | 2 | 17 | 4 | Α | 17 / E | 0.31 | 7.92 | 0.50 | 12.70 | 1.25 | 31.75 | 2.53 | 64.26 | 1.20 | 30.48 |
| | | 3 | | | B STD. | ļ | | | | | | | 3.53 1.53 | 89.66 38.86 | | |
| | 04 | 2 | | 5 | A A | | 0.44 | 11.10 | 0.63 | 15.88 | | | 2.53 | 64.26 | 1.25 | 31.75 |
| | | 3 | | | В | | | | | | | | 3.53 | 89.66 | | |
| | 05 | 2 | | 6 | STD. | | 0.56 | 14.27 | 0.75 | 19.05 | | | 1.53 2.53 | 38.86 64.26 | 1,40 | 35.56 |
| | 05 | 3 | | 0 | В | | 0.50 | 17.27 | 0.75 | 13.00 | | | 3.53 | 89.66 | 1,40 | 00.00 |
| | | 1 | | _ | STD. | | | | | | | | 1.53 | 38.86 | | |
| | 01 | 3 | | 3 | A B | | 0.25 | 6.35 | 0.38 | 9.53 | | | 2.53 3.53 | 64.26 89.66 | 1.10 | 27.94 |
| | | 1 | | | STD. | | | | | | | | 1.53 | 38.86 | | |
| | 02 | 2 | | 4 | A | | 0.31 | 7.92 | 0.50 | 12.70 | | | 2.53 | 64.26 | 1.20 | 30.48 |
| | | 3 | | | B STD. | | | | | | | | 3.53 1.53 | 89.66 38.86 | | |
| 18 | 03 | 2 | 19 | 5 | A | 19 / F | 0.44 | 11.10 | 0.63 | 15.88 | 1.40 | 35.56 | 2.53 | 64.26 | 1.25 | 31.75 |
| | | 3 | | | B | | | | | | | | 3.53 | 89.66 | | |
| | 04 | 2 | | 6 | STD. | | 0.56 | 14.27 | 0.75 | 19.05 | | | 1.53 2.53 | 38.86 64.26 | 1.40 | 35.56 |
| | | 3 | | | В | | | | | | | | 3.53 | 89.66 | | |
| | 05 | 1 2 | | 7 | STD. | | 0.69 | 17.45 | 0.88 | 22.23 | | | 1.53 2.53 | 38.86 64.26 | 1.50 | 38.10 |
| | 0.5 | 3 | | , | A B | | 0.09 | 17.43 | 0.00 | 22.20 | | | 3.53 | 89.66 | 1.50 | 30.10 |
| | | 1 | | | STD. | | | | | | | | 1.53 | 38.86 | | |
| | 01 | 3 | | 3 | A B | | 0.25 | 6.35 | 0.38 | 9.53 | | | 2.53 3.53 | 64.26 89.66 | 1.10 | 27.94 |
| | | 4 | | | C | | | | | | | | 4.53 | 115.06 | | |
| | | 1 | | | STD. | | | | | | | | 1.53 | 38.86 | | |
| | 02 | 2 | | 4 | A B | | 0.31 | 7.92 | 0.50 | 12.70 | | | 2.53 3.53 | 64.26 89.66 | 1.20 | 30.48 |
| | | 4 | | | С | | | | | | | | 4.53 | 115.06 | | |
| | | 1 | | | STD. | | | | | | | | 1.53 | 38.86 | | |
| | 03 | 3 | | 5 | A B | | 0.44 | 11 10 | 0.63 | 15.88 | | | 2.53 3.53 | 64.26 89.66 | 1.25 | 31.75 |
| 20 | | 4 | 21 | | С | 21 / G | | | | | 1.50 | 38.10 | 4.53 | 115.06 | | |
| | | 2 | | | STD. | , G | | | | | 1100 | 000 | 1.53 2.53 | 38.86 64.26 | | |
| | 04 | 3 | | 6 | A B | | 0.56 | 14.27 | 0.75 | 19.05 | | | 3.53 | 89.66 | 1.40 | 35.56 |
| | | 4 | | | С | | | | | | | | 4.53 | 115.06 | | |
| | | 1 2 | | | STD. | | | | | | | | 1.53 2.53 | 38.86 64.26 | | |
| | 05 | 3 | | 7 | В | | 0.69 | 17.45 | 0.88 | 22.23 | | | 3.53 | 89.66 | 1.50 | 38.10 |
| | | 4 | | | С | | | | | | | | 4.53 | 115.06 | | |
| | | 2 | | | STD. | | | | | | | | 1.53 2.53 | 38.86 64.26 | | |
| | 06 | 3 | | 8 | В | | 0.81 | 20.62 | 1.00 | 25.40 | | | 3.53 | 89.66 | 1.65 | 41.91 |
| | | 4 | | | С | | | | | | | | 4.53 | 115.06 | | |





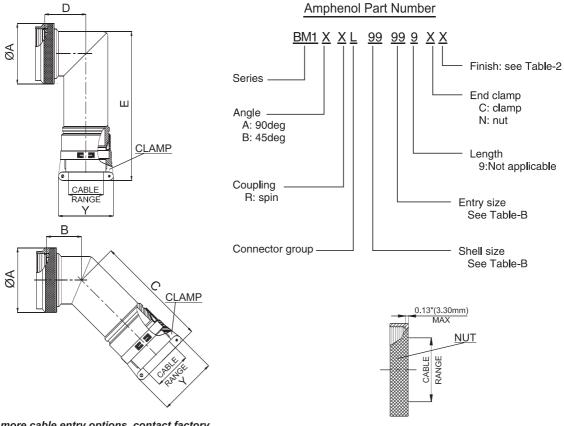
Connector Group - L

| | | | | | | TABLI | E - A | | | | | | | | | |
|-------|-------------------|------------------|------------|--------------------|---------------------|--------------------|-------|-------|-------|----------|-------|---------|------------------------------|-----------------------------------|------|----------------|
| | PHENOL ER DESI | | | RT NUMB IGNATOR | | CONNECTOR | (| CABLE | RANGE | = | A DIA | . (MAX) | L (N | ЛАХ) | Y (N | IAX) |
| SHELL | ENTRY | LENGTH | CONNECTOR | CLAMP | LENGTH | SHELL SIZE/CODE | M | IN | M | ΑX | | | | | | |
| SIZE | SIZE | 1 | SHELL SIZE | SIZE | STD. | (REF.) | INCH | MM | INCH | MM | INCH | MM | INCH 1.53 | MM 38.86 | INCH | ММ |
| | 01 | 2 3 4 | | 3 | A B C | | 0.25 | 6.35 | 0.38 | 9.53 | | | 2.53 3.53 4.53 | 64.26 89.66 115.06 | 1.10 | 27.94 |
| | 02 | 1 2 3 4 | | 4 | STD. A B C | | 0.31 | 7.92 | 0.50 | 12.70 | | | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.20 | 30.48 |
| | 03 | 1 2 3 4 | | 5 | STD. A B C | | 0.44 | 11.10 | 0.63 | 15.88 | | | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.25 | 31.75 |
| 22 | 04 | 1 2 3 4 | 23 | 6 | STD. A B C | 23 / H | 0.56 | 14.27 | 0.75 | 19.05 | 1.65 | 41.91 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.40 | 35.56 |
| | 05 | 1 2 3 4 | | 7 | STD. A B C | | 0.69 | 17.45 | 0.88 | 22.23 | | | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.50 | 38.10 |
| | 06 | 1 2 3 4 | | 8 | STD. A B C | | 0.81 | 20.62 | 1.00 | 25.40 | | | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.65 | 41.91 |
| | 07 | 1 2 3 4 | | 9 | STD. A B C | | 0.94 | 23.80 | 1.13 | 28.58 | | | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.75 | 44 <u>.</u> 45 |
| | 01 | 1 2 3 4 | | 4 | STD. A B C | | 0.31 | 7.92 | 0.50 | 12.70 | | | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.20 | 30.48 |
| | 02 | 1 2 3 4 | | 5 | STD. A B C | | 0.44 | 11.10 | 0.63 | 15.88 | | | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.25 | 31.75 |
| | 03 | 1 2 3 4 | | 6 | STD. A B C | | 0.56 | 14.27 | 0.75 | 19.05 | | | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.40 | 35.56 |
| 24 | 04 | 1 2 3 4 | 25 | 7 | STD. A B C | 25 / J | 0.69 | 17.45 | 0.88 | 22.23 | 1.75 | 44.45 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.50 | 38.10 |
| | 05 | 1 2 3 4 | | 8 | STD. A B C | | 0.81 | 20.62 | 1.00 | 25.40 | | | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.65 | 41.91 |
| | 06 | 1 2 3 4 | | 9 | STD. A B C | | 0.94 | 23.80 | 1.13 | 28.58 | | | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.75 | 44.45 |
| | 07 | 1 2 3 4 | | 10 | STD. A B C | | 1.06 | 26.97 | 1.25 | 31.75 | | | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.90 | 48.26 |



Connector Group - L

90°, 45°



NOTE: * For more cable entry options, contact factory

| | | | | | | | | TABLE | E - B | | | | | | | | | |
|--------|----------------------------|--------------------|--------------------------------------|---|--------------------------------------|--|--------|-------|-------|-------|------|-------|------|-------|------|-------|--------------------------------------|---|
| PART N | IENOL IUMBER NATOR | CONNECTOR SHELL | | CABLE | | | A DIA. | (MAX) | В (М | IAX) | C (N | IAX) | D (M | IAX) | E (N | IAX) | Y (N | IAX) |
| SHELL | ENTRY | SIZE/CODE | M | N | M | ΑX | | | | | | | | | | | | |
| SIZE | SIZE | (REF.) | INCH | ММ | INCH | MM | INCH | MM | INCH | ММ | INCH | ММ | INCH | ММ | INCH | мм | INCH | ММ |
| 08 | 01 02 | 09 / A | 0.06 | 1.57 3.18 | 0.13 0.25 | 3.18 6.35 | 0.75 | 19.05 | 0.46 | 11.68 | 3.15 | 80.01 | 0.69 | 17.53 | 3.46 | 87.88 | 0.80 1.00 | 20.32 25.40 |
| 10 | 01 02 03 | 11 / B | 0.06 | 1.57 3.18 | 0.13 0.25 0.38 | 3.18 6.35 9.53 | 0.85 | 21.59 | 0.52 | 13.21 | 3.21 | 81.53 | 0.78 | 19.81 | 3.58 | 90.93 | 0.80 1.00 1.10 | 20.32 |
| 12 | 01 02 03 | 13 / C | 0.25 0.13 0.25 0.31 | 6.35 3.18 6.35 7.92 | 0.38 0.38 0.50 | 9.53 6.35 9.53 12.70 | 1.00 | 25.40 | 0.58 | 14.73 | 3.27 | 83.06 | 0.80 | 20.32 | 3.60 | 91.44 | 1.00 1.10 1.20 | 27.94 25.40 27.94 30.48 |
| 14 | 01 02 03 04 | 15 / D | 0.13 0.25 0.31 0.44 | 3.18 6.35 7.92 11.10 | 0.25 0.38 0.50 0.63 | 6.35 9.53 12.70 15.88 | 1.15 | 29.21 | 0.65 | 16.51 | 3.36 | 85.34 | 0.88 | 22.35 | 3.67 | 93.22 | 1.00 1.10 1.20 1.25 | 25.40 27.94 30.48 31.75 |
| 16 | 01 02 03 04 05 | 17 / E | 0.13 0.25 0.31 0.44 0.56 | 3.18 6.35 7.92 11.10 14.27 | 0.25 0.38 0.50 0.63 0.75 | 6.35 9.53 12.70 15.88 19.05 | 1.25 | 31.75 | 0.74 | 18.80 | 3.47 | 88.14 | 0.93 | 23.62 | 3.76 | 95.50 | 1.00 1.10 | 25.40 27.94 30.48 31.75 35.56 |
| 18 | 01 02 03 04 05 | 19/F | 0.25 0.31 0.44 0.56 0.69 | 6.35 7.92 11.10 14.27 17.45 | 0.38 0.50 0.63 0.75 0.88 | 9.53 12.70 15.88 19.05 22.23 | 1.40 | 35.56 | 0.93 | 23.62 | 3.66 | 92.96 | 1.01 | 25.65 | 3.93 | 99.82 | 1.10 1.20 1.25 1.40 1.50 | 27.94 30.48 31.75 35.56 38.10 |



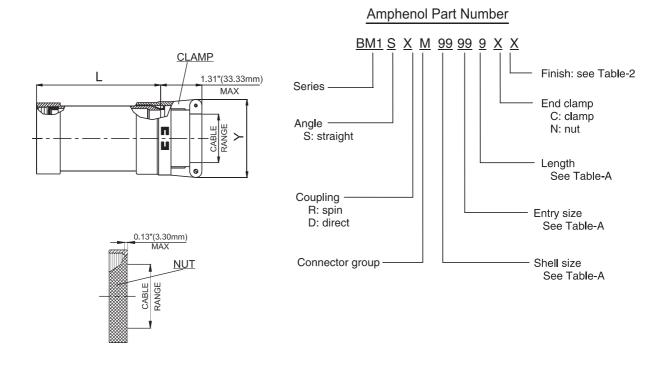
Connector Group - L

| | | | | | | | | TABLE | E - B | | | | | | | | | |
|--------|------------------------|--------------------|------|-------|-------|-------|--------|-------|-------|-------|------|-------|------|-------|------|--------|------|-------|
| PART N | ENOL UMBER NATOR | CONNECTOR SHELL | (| CABLE | RANGE | | A DIA. | (MAX) | В (М | IAX) | C (N | IAX) | D (N | IAX) | E (N | IAX) | Y (N | IAX) |
| SHELL | ENTRY | SIZE/CODE | M | N | M | ΔX | | | | | | | | | | | | |
| SIZE | SIZE | (REF.) | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | мм | INCH | ММ |
| | 01 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.10 | 27.94 |
| | 02 | ľ | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.20 | 30.48 |
| 20 | 03 | 21 / G | 0.44 | 11.10 | 0.63 | 15.88 | 1.55 | 39.37 | 0.93 | 23.62 | 3.66 | 92.96 | 1.06 | 26.92 | 3.93 | 99.82 | 1.25 | 31.75 |
| 20 | 04 | 217 G | 0.56 | 14.27 | 0.75 | 19.05 | 1.55 | 03.07 | 0.33 | 20.02 | 3.00 | 32.30 | 1.00 | 20.32 | 0.90 | 33.02 | 1.40 | 35.56 |
| | 05 | | 0.69 | 17.45 | 0.88 | 22.23 | | | | | | | | | | | 1.50 | 38.10 |
| | 06 | | 0.81 | 20.62 | 1.00 | 25.40 | | | | | | | | | | | 1.65 | 41.91 |
| | 01 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.10 | 27.94 |
| | 02 | , | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.20 | 30.48 |
| | 03 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| 22 | 04 | 23 / H | 0.56 | 14.27 | 0.75 | 19.05 | 1.65 | 41.91 | 1.02 | 25.91 | 3.81 | 96.77 | 1.17 | 29.72 | 4.04 | 102.62 | | 35.56 |
| | 05 | , | 0.69 | 17.45 | 0.88 | 22.23 | | | | | | | | | | | 1.50 | 38.10 |
| | 06 | | 0.81 | 20.62 | 1.00 | 25.40 | | | | | | | | | | | 1.65 | 41.91 |
| | 07 | | 0.94 | 23.80 | 1.13 | 28.58 | | | | | | | | | | | 1.75 | 44.45 |
| | 01 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.20 | 30.48 |
| | 02 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| | 03 | ľ | 0.56 | 14.27 | 0.75 | 19.05 | | | | | | | | | | | 1.40 | 35.56 |
| 24 | 04 | 25 / J | 0.69 | 17.45 | 0.88 | 22.23 | 1.85 | 46.99 | 1.02 | 25.91 | 3.81 | 96.77 | 1.18 | 29.97 | 4.04 | 102.62 | 1.50 | 38.10 |
| | 05 | | 0.81 | 20.62 | 1.00 | 25.40 | | | | | | | | | | | 1.65 | 41.91 |
| | 06 | | 0.94 | 23.80 | 1.13 | 28.58 | | | | | | | | | | | 1.75 | 44.45 |
| | 07 | ľ | 1.06 | 26.97 | 1.25 | 31.75 | | | | | | | | | | | 1.90 | 48.26 |



Connector Group - M

Straight



NOTE: * For more cable entry and length options, contact factory

| | | | | TAB | LE - A | | | | | | |
|-------|--------------------|----------------|------------|------|--------|--------|----------|------|-------|------|-------|
| | PHENOL ER DESIG | PART GNATOR | | (| CABLE | RANGE | . | L (N | ЛАХ) | Y (N | IAX) |
| SHELL | ENTRY | | CONNECTOR | М | IN | M | AX | | | | |
| SIZE | SIZE | LENGTH | SHELL SIZE | INCH | ММ | INCH | ММ | INCH | ММ | INCH | мм |
| | 01 | 1 | | 0.06 | 1.57 | 0.13 | 3.18 | 1.53 | 38.86 | 0.78 | 19.81 |
| 08 | | 2 | 8 | 0.00 | 1.07 | 0.10 | 0.10 | 2.53 | 64.26 | 0.70 | 10.01 |
| | 02 | 1 | Ĭ | 0.13 | 3.18 | 0.25 | 6.35 | 1.53 | 38.86 | 0.97 | 24.64 |
| | | 2 | | | 0110 | 0.20 | 0.00 | 2.53 | 64.26 | 0.07 | |
| | 01 | 1 | | 0.06 | 1.57 | 0.13 | 3.18 | 1.53 | 38.86 | 0.78 | 19.81 |
| - | | 2 | | | | 00 | 01.0 | 2.53 | 64.26 | 00 | |
| 10 | 02 | 1 | 10 | 0.13 | 3.18 | 0.25 | 6.35 | 1.53 | 38.86 | 0.97 | 24.64 |
| ' | | 2 | | | | | | 2.53 | 64.26 | *** | |
| | 03 | 1 | | 0.25 | 6.35 | 0.38 | 9.53 | 1.53 | 38.86 | 1.06 | 26.92 |
| | | 2 | | | | | | 2.53 | 64.26 | | |
| | 01 | 1 | | 0.13 | 3.18 | 0.25 | 6.35 | 1.53 | 38.86 | 0.97 | 24.64 |
| | | 2 | | | | | | 2.53 | 64.26 | | |
| 12 | 02 | 1 | 12 | 0.25 | 6.35 | 0.38 | 9.53 | 1.53 | 38.86 | 1.06 | 26.92 |
| 12 | | 2 | | | | | | 2.53 | 64.26 | | |
| | 03 | 1 | | 0.31 | 7.92 | 0.50 | 12.70 | 1.53 | 38.86 | 1.16 | 29.46 |
| | | 2 | | | | | | 2.53 | 64.26 | | |
| ,, | 01 | | | 0.10 | 0.40 | ا م مح | 0.05 | 1.53 | 38.86 | 0.07 | امرما |
| 14 | 01 | 2 | 14 | 0.13 | 3.18 | 0.25 | 6.35 | 2.53 | 64.26 | 0.97 | 24.64 |
| | | 3 | | | | | | 3.53 | 89.66 | | |



Connector Group - M

Straight

| | | | | TAB | LE - A | | | | | | |
|-------|---------|---------------|------------|------|--------|-------|-------|--------------|----------------|------|-------|
| 1 | PHENOL | | | | | | | | | | |
| NUMBI | ER DESI | <u>GNATOR</u> | | | CABLE | | | L (I | MAX) | Y (N | IAX) |
| SHELL | ENTRY | | CONNECTOR | М | IN | M | AX | | | | |
| SIZE | SIZE | LENGTH | SHELL SIZE | INCH | мм | INCH | мм | INCH | ММ | INCH | мм |
| | | 4 | | | | | | | | | |
| | 02 | 1 2 | | 0.25 | 6.35 | 0.38 | 9.53 | 1.53 2.53 | 38.86 64.26 | 1.06 | 26.92 |
| | 02 | 3 | | 0.23 | 0.55 | 0.30 | 9.55 | 3.53 | 89.66 | 1.00 | 20.92 |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| 14 | 03 | 2 | 14 | 0.31 | 7.92 | 0.50 | 12.70 | 2.53 | 64.26 | 1.16 | 29.46 |
| '* | 00 | 3 | 14 | 0.01 | 7.52 | 0.50 | 12.70 | 3.53 | 89.66 | 1.10 | 23.40 |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 04 | 2 | | 0.44 | 11.10 | 0.63 | 15.88 | 2.53 | 64.26 | 1.25 | 31.75 |
| | • | 3 | | 0111 | | 0.00 | 10100 | 3.53 | 89.66 | 1120 | 01170 |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 01 | 2 | | 0.13 | 3.18 | 0.25 | 6.35 | 2.53 | 64.26 | 0.97 | 24.64 |
| | • | 3 | | 0110 | 0110 | O.L.O | 0.00 | 3.53 | 89.66 | 0.07 | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 02 | 2 | | 0.25 | 6.35 | 0.38 | 9.53 | 2.53 | 64.26 | 1.06 | 26.92 |
| | _ | 3 | | 0.20 | 0.00 | 0.00 | 0.00 | 3.53 | 89.66 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| 16 | 03 | 2 | 16 | 0.31 | 7.92 | 0.50 | 12.70 | 2.53 | 64.26 | 1.16 | 29.46 |
| | | 3 | | | | 0.00 | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 04 | 2 | | 0.44 | 11.10 | 0.63 | 15.88 | 2.53 | 64.26 | 1.25 | 31.75 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 05 | 2 | | 0.56 | 14.27 | 0.75 | 19.05 | 2.53 | 64.26 | 1.38 | 35.05 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 01 | 2 | | 0.25 | 6.35 | 0.38 | 9.53 | 2.53 | 64.26 | 1.06 | 26.92 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 02 | 2 | | 0.31 | 7.92 | 0.50 | 12.70 | 2.53 | 64.26 | 1.16 | 29.46 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| 18 | 03 | 2 | 18 | 0.44 | 11.10 | 0.63 | 15.88 | 2.53 | 64.26 | 1.25 | 31.75 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 04 | 2 | | 0.56 | 14.27 | 0.75 | 19.05 | 2.53 | 64.26 | 1.38 | 35.05 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 05 | 2 | | 0.69 | 17.45 | 0.88 | 22.23 | 2.53 | 64.26 | 1.50 | 38.10 |
| | | 3 | | | | | | 3.53 | 89.66 | | |



Non-Environmental EMI / RFI Backshell

Connector Group - M

Straight

| | | | | TAB | LE - A | | | | | | |
|-------|--------------------|------------------|------------|------|--------|------|-------|------------------------------|-----------------------------------|------|-------|
| | PHENOL ER DESIG | | CONNECTOR | | CABLE | | | L (ľ | VIAX) | Y (N | IAX) |
| SHELL | ENTRY | | SHELL SIZE | М | IN | M | AX | | | | |
| SIZE | SIZE | LENGTH | | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ |
| | 01 | 1 2 3 4 | | 0.25 | 6.35 | 0.38 | 9.53 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.06 | 26.92 |
| | 02 | 1 2 3 4 | | 0.31 | 7.92 | 0.50 | 12.70 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.16 | 29.46 |
| 20 | 03 | 1 2 3 4 | 20 | 0.44 | 11.10 | 0.63 | 15.88 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.25 | 31.75 |
| 20 | 04 | 1 2 3 4 | 20 | 0.56 | 14.27 | 0.75 | 19.05 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.38 | 35.05 |
| | 05 | 1 2 3 4 | | 0.69 | 17.45 | 0.88 | 22.23 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.50 | 38.10 |
| | 06 | 1 2 3 4 | | 0.81 | 20.62 | 1.00 | 25.40 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.63 | 41.40 |
| | 01 | 1 2 3 4 | | 0.25 | 6.35 | 0.38 | 9.53 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.06 | 26.92 |
| | 02 | 1 2 3 4 | | 0.31 | 7.92 | 0.50 | 12.70 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.16 | 29.46 |
| 22 | 03 | 1 2 3 4 | 22 | 0.44 | 11.10 | 0.63 | 15.88 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.25 | 31.75 |
| | 04 | 1 2 3 4 | | 0.56 | 14.27 | 0.75 | 19.05 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.38 | 35.05 |



Connector Group - M

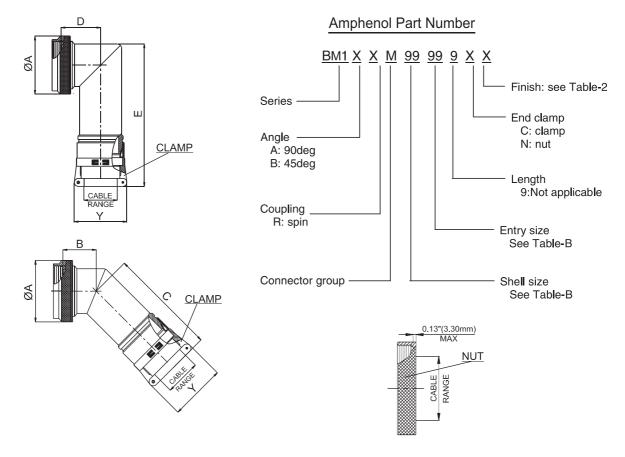
| | | | | TAB | LE - A | | | | | | |
|-------|---------------|------------------|-----------|------|--------|------|-------|------------------------------|-----------------------------------|-------|-------|
| | HENOL I | | | | CABLE | DANG | = | 1.7 | ЛАХ) | V (N | IAX) |
| | | MAIOK | CONNECTOR | | IN | | AX | - (1 | VIAA) | 1 (10 | IAA) |
| SHELL | ENTRY SIZE | LENGTH | I . | INCH | мм | INCH | мм | INCH | ММ | INCH | мм |
| | 05 | 1 2 3 4 | | 0.69 | 17.45 | 0.88 | 22.23 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.50 | 38.10 |
| 22 | 06 | 1 2 3 4 | 22 | 0.81 | 20.62 | 1.00 | 25.40 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.63 | 41.40 |
| | 07 | 1 2 3 4 | | 0.94 | 23.80 | 1.13 | 28.58 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.75 | 44.45 |
| | 01 | 1 2 3 4 | | 0.31 | 7.92 | 0.50 | 12.70 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.16 | 29.46 |
| | 02 | 1 2 3 4 | | 0.44 | 11.10 | 0.63 | 15.88 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.25 | 31.75 |
| | 03 | 1 2 3 4 | | 0.56 | 14.27 | 0.75 | 19.05 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.38 | 35.05 |
| 24 | 04 | 1 2 3 4 | 24 | 0.69 | 17.45 | 0.88 | 22.23 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.50 | 38.10 |
| | 05 | 1 2 3 4 | | 0.81 | 20.62 | 1.00 | 25.40 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.63 | 41.40 |
| | 06 | 1 2 3 4 | | 0.94 | 23.80 | 1.13 | 28.58 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.75 | 44.45 |
| | 07 | 1 2 3 4 | | 1.06 | 26.97 | 1.25 | 31.75 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.88 | 47.75 |



Non-Environmental EMI / RFI Backshell

Connector Group - M

90°, 45°



NOTE: * For more cable entry options, contact factory

| | | | | - | | | | | | | | | | | | | | |
|-------|------------------------|------------|------|-------|-------|-------|--------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|
| | | | | | | | | TABLE | E - B | | | | | | | | | |
| | ENOL UMBER NATOR | | (| CABLE | RANGE | | A DIA. | (MAX) | B (N | IAX) | C (N | IAX) | D (N | IAX) | E (N | IAX) | Y (N | /IAX) |
| SHELL | ENTRY | CONNECTOR | М | N | M/ | 4X | | | | | | | | | | | | |
| SIZE | SIZE | SHELL SIZE | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | мм | INCH | мм | INCH | мм |
| | 01 | | 0.06 | 1.57 | 0.13 | 3.18 | | | | | | | | | | | 0.78 | 19.81 |
| 08 | 02 | 8 | 0.13 | 3.18 | 0.25 | 6.35 | 0.75 | 19.05 | 0.46 | 11.68 | 3.15 | 80.01 | 0.69 | 17.53 | 3.46 | 87.88 | 0.97 | 24.64 |
| | 01 | | 0.06 | 1.57 | 0.13 | 3.18 | | | | | | | | | | | 0.78 | 19.81 |
| 10 | 02 | 10 | 0.13 | 3.18 | 0.25 | 6.35 | 0.85 | 21.59 | 0.52 | 13.21 | 3.21 | 81.53 | 0.78 | 19.81 | 3.58 | 90.93 | 0.97 | 24.64 |
| | 03 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| | 01 | | 0.13 | 3.18 | 0.25 | 6.35 | | | | | | | | | | | 0.97 | 24.64 |
| 12 | 02 | 12 | 0.25 | 6.35 | 0.38 | 9.53 | 1.00 | 25.40 | 0.58 | 14.73 | 3.27 | 83.06 | 0.80 | 20.32 | 3.60 | 91.44 | 1.06 | 26.92 |
| | 03 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| | 01 | | 0.13 | 3.18 | 0.25 | 6.35 | | | | | | | | | | | 0.97 | 24.64 |
| 14 | 02 | 14 | 0.25 | 6.35 | 0.38 | 9.53 | 1.15 | 29.21 | 0.65 | 16.51 | 3.36 | 85.34 | 0.88 | 22.35 | 3.67 | 93.22 | 1.06 | 26.92 |
| | 03 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| | 04 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |



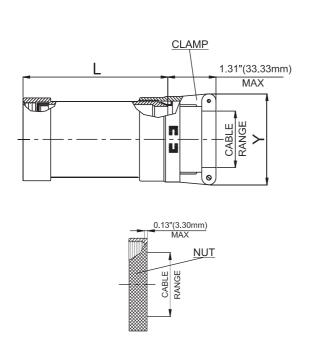
Connector Group - M

| A DIA MAX B (MAX B (MA | | | | | | | | | TABLI | E - B | | | | | | | | | |
|--|--------|-------|------------|------|-------|-------|-------|--------|-------|-------|-------|------|-------|------|-------|------|--------|------|-------|
| SHELL SIZE SIZE SIZE SHELL SIZE SIZE SHELL SIZE | PART N | UMBER | | (| CABLE | RANGE | | A DIA. | (MAX) | В (М | IAX) | C (N | IAX) | D (N | IAX) | E (N | ЛАХ) | Y (N | IAX) |
| Size | SHELL | ENTRY | | M | N | MA | λX | | | | | | | | | | | | |
| 1.06 26.59 | SIZE | SIZE | SHELL SIZE | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | мм | INCH | мм |
| 16 | | 01 | | 0.13 | 3.18 | 0.25 | 6.35 | | | | | | | | | | | 0.97 | 24.64 |
| 14 | | 02 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| 1.8 | 16 | 03 | 16 | 0.31 | 7.92 | 0.50 | 12.70 | 1.25 | 31.75 | 0.74 | 18.80 | 3.47 | 88.14 | 0.93 | 23.62 | 3.76 | 95.50 | 1.16 | 29.46 |
| 18 | | 04 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| 18 | | 05 | | 0.56 | 14.27 | 0.75 | 19.05 | | | | | | | | | | | 1.38 | 35.05 |
| 18 | | 01 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| 18 | | 02 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| 04 | 18 | 03 | 18 | 0.44 | 11.10 | 0.63 | 15.88 | 1.40 | 35 56 | 0 03 | 23.62 | 3 66 | 92.96 | 1 01 | 25.65 | 3 03 | 00 82 | 1.25 | 31.75 |
| 01 | '0 | 04 | 10 | 0.56 | 14.27 | 0.75 | 19.05 | 1.40 | 00.00 | 0.00 | 20.02 | 0.00 | 32.30 | 1.01 | 25.05 | 0.00 | 00.02 | 1.38 | 35.05 |
| 1.16 29.46 1.29 | | 05 | | 0.69 | 17.45 | 0.88 | 22.23 | | | | | | | | | | | 1.50 | 38.10 |
| 1.25 31.75 1.26 31.75 1.27 | | 01 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| 20 | | 02 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| 04 | 20 | 03 | 20 | 0.44 | 11.10 | 0.63 | 15.88 | 1 55 | 39.37 | 0.93 | 23 62 | 3 66 | 92 96 | 1.06 | 26.92 | 3 93 | 99.82 | 1.25 | 31.75 |
| 06 | 20 | 04 | 20 | 0.56 | 14.27 | 0.75 | 19.05 | 1.00 | 00.07 | 0.00 | 20.02 | 0.00 | 02.00 | 1.00 | 20.02 | 0.00 | 00.02 | 1.38 | 35.05 |
| 01 0.25 6.35 0.38 9.53 0.34 7.92 0.50 12.70 0.44 11.10 0.63 15.88 0.69 17.45 0.88 22.23 0.81 0.94 23.80 1.13 28.58 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.50 12.70 0.44 11.10 0.63 15.88 0.56 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.50 12.70 0.69 17.45 0.88 22.23 0.50 12.70 0.69 17.45 0.88 22.23 0.50 12.70 0.69 17.45 0.88 22.23 0.81 20.62 1.00 25.40 0.94 23.80 1.13 28.58 0.94 20.40 0.94 23.80 1.13 28.58 0.94 20.40 0.94 23.80 1.13 28.58 0.94 20.40 0 | | 05 | | 0.69 | 17.45 | 0.88 | 22.23 | | | | | | | | | | | 1.50 | 38.10 |
| 22 0.31 7.92 0.50 12.70 0.31 0.44 11.10 0.63 15.88 0.5 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.81 20.62 1.00 25.40 0.7 0.94 23.80 1.13 28.58 1.85 0.56 14.27 0.75 19.05 0.81 20.62 1.00 25.40 0.94 23.80 1.13 28.58 1.85 1.85 1.02 25.91 3.81 96.77 1.17 29.72 4.04 102.62 1.38 35.05 1.50 38.10 1.65 1.16 29.46 1.75 44.45 24 0.31 7.92 0.50 12.70 1.85 46.99 1.02 25.91 3.81 96.77 1.18 29.97 4.04 102.62 1.38 35.05 1.25 31.75 31.75 3.81 96.77 1.18 29.97 4.04 102.62 1.63 | | 06 | | 0.81 | 20.62 | 1.00 | 25.40 | | | | | | | | | | | 1.63 | 41.40 |
| 22 | | 01 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| 22 | | | | | | | | | | | | | | | | | | | |
| 0.69 | | 03 | | 0.44 | | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| 06 0.81 20.62 1.00 25.40 07 0.94 23.80 1.13 28.58 01 0.31 7.92 0.50 12.70 02 0.44 11.10 0.63 15.88 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.81 20.62 1.00 25.40 0.94 23.80 1.13 28.58 1.02 25.91 3.81 96.77 1.18 29.97 4.04 1.18 29.97 4.04 1.50 38.10 1.63 41.40 1.63 41.40 1.75 44.45 44.45 1.75 1.75 44.45 1.75 1.75 44.45 1.75 | 22 | | 22 | | | | | 1.65 | 41.91 | 1.02 | 25.91 | 3.81 | 96.77 | 1.17 | 29.72 | 4.04 | 102.62 | | |
| 07 | | | | | | | | | | | | | | | | | | | |
| 01 02 0.31 7.92 0.50 12.70 0.44 11.10 0.63 15.88 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.81 20.62 1.00 25.40 0.94 23.80 1.13 28.58 1.85 46.99 1.02 25.91 3.81 96.77 1.18 29.97 4.04 102.62 1.50 38.10 1.63 41.40 1.75 44.45 | | | | | | | | | | | | | | | | | | | |
| 02 0.44 11.10 0.63 15.88 03 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.81 20.62 1.00 25.40 0.94 23.80 1.13 28.58 1.85 46.99 1.02 25.91 3.81 96.77 1.18 29.97 4.04 102.62 1.33 35.05 1.63 41.40 1.75 44.45 | | | | | | | | | | | | | | | | | | | |
| 24 03 24 0.56 14.27 0.75 19.05 0.69 17.45 0.88 22.23 0.81 20.62 1.00 25.40 0.94 23.80 1.13 28.58 1.85 46.99 1.02 25.91 3.81 96.77 1.18 29.97 4.04 102.62 1.38 35.05 1.63 41.40 1.75 44.45 | | | | | | | | | | | | | | | | | | | |
| 24 04 04 0.69 17.45 0.88 22.23 05 0.81 20.62 1.00 25.40 06 0.94 23.80 1.13 28.58 1.85 46.99 1.02 25.91 3.81 96.77 1.18 29.97 4.04 102.62 1.63 41.40 1.75 44.45 | | | | | | | | | | | | | | | | | | | |
| 05 0.81 20.62 1.00 25.40 06 0.94 23.80 1.13 28.58 | 24 | | 24 | | | | | 1.85 | 46.99 | 1.02 | 25.91 | 3.81 | 96.77 | 1.18 | 29.97 | 4.04 | 102.62 | | |
| 06 0.94 23.80 1.13 28.58 1.75 44.45 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | 1.06 | 26.97 | 1.25 | 31.75 | | | | | | | | | | | 1.88 | 47.75 |



Connector Group - N

Straight



Amphenol Part Number BM1 S X N 99 99 9 X X Finish: see Table-2 Series End clamp C: clamp Angle N: nut S: straight Length See Table-A Coupling R: spin Entry size D: direct See Table-A Connector group Shell size See Table-A

NOTE: * For more cable entry and length options, contact factory

| | | | | TAB | LE - A | | | | | | | |
|-------|--|--------|------------|------|--------|-------|----------|------|-------|---------|---------|--|
| | PHENOL ER DESIG | | | (| CABLE | RANGE | = | L (ľ | ЛАХ) | Y (MAX) | | |
| SHELL | ENTRY | | CONNECTOR | MIN | | MAX | | | | | | |
| SIZE | SIZE | LENGTH | SHELL SIZE | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | |
| | 01 | 1 | | 0.06 | 1.57 | 0.13 | 3.18 | 1.53 | 38.86 | 0.78 | 19,81 | |
| 08 | | 2 | 8 | 0.00 | 1.07 | 0.10 | 0.10 | 2.53 | 64.26 | 0.70 | 10.01 | |
| | 02 | 1 | - | 0.13 | 3.18 | 0.25 | 6.35 | 1.53 | 38.86 | 0.97 | 24.64 | |
| | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 2 | | 0.10 | 0.10 | 0.20 | 0.00 | 2.53 | 64.26 | 0.07 | 2-1.0-1 | |
| | 01 | 1 | | 0.06 | 1,57 | 0.13 | 3.18 | 1.53 | 38.86 | 0.78 | 19,81 | |
| | | 2 | | 0.00 | 1.07 | 0.10 | 0.10 | 2.53 | 64.26 | 0.70 | 10.01 | |
| 10 | 02 | 1 | 10 | 0.13 | 3.18 | 0.25 | 6.35 | 1.53 | 38.86 | 0.97 | 24.64 | |
| ' | | 2 | '~ | 0.10 | 0.10 | 0.20 | 0.00 | 2.53 | 64.26 | | 21.01 | |
| | 03 | 1 | | 0.25 | 6.35 | 0.38 | 9.53 | 1.53 | 38.86 | 1.06 | 26.92 | |
| | - " | 2 | | 0.20 | 0.00 | 0.00 | 0.00 | 2.53 | 64.26 | | | |
| | 01 | 1 | | 0.13 | 3.18 | 0.25 | 6.35 | 1.53 | 38.86 | 0.97 | 24.64 | |
| | | 2 | | | | 5.25 | | 2.53 | 64.26 | | | |
| 12 | 02 | 1 | 12 | 0.25 | 6.35 | 0.38 | 9.53 | 1.53 | 38.86 | 1.06 | 26.92 | |
| | | 2 | | | | 0.00 | | 2.53 | 64.26 | | | |
| | 03 | 1 | | 0.31 | 7.92 | 0.50 | 12.70 | 1.53 | 38.86 | 1.16 | 29.46 | |
| | | 2 | | | | 3.00 | ,, | 2.53 | 64.26 | | | |
| | | 1 | | | | | | 1.53 | 38.86 | | | |
| 14 | 01 | 2 | 14 | 0.13 | 3.18 | 0.25 | 6.35 | 2.53 | 64.26 | 0.97 | 24.64 | |
| | | 3 | | | | | | 3.53 | 89.66 | | | |



Connector Group - N

Straight

| | | | | TAB | LE - A | | | | | | |
|-------|----------------------|--------|------------|--------|--------|--------|----------|--------------|----------------|--------|--------|
| | PHENOL P ER DESIG | | | (| CABLE | RANGI | . | L (N | ЛАХ) | Y (N | IAX) |
| SHELL | ENTRY | | CONNECTOR | М | IN | M | AX | | | | |
| SIZE | SIZE | LENGTH | SHELL SIZE | INCH | MM | INCH | ММ | INCH | ММ | INCH | MM |
| | | 1 | | 111011 | 101101 | 111011 | 101101 | 1.53 | 38.86 | 111011 | IVIIVI |
| | 02 | 2 | | 0.25 | 6.35 | 0.38 | 9.53 | 2.53 | 64.26 | 1.06 | 26.92 |
| | | 3 | | | | | | 3.53 | 89.66 | | 20102 |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| 14 | 03 | 2 | 14 | 0.31 | 7.92 | 0.50 | 12.70 | 2.53 | 64.26 | 1.16 | 29.46 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 04 | 2 | | 0.44 | 11.10 | 0.63 | 15.88 | 2.53 | 64.26 | 1.25 | 31.75 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | <u> </u> | | | | | 1.53 | 38.86 | | |
| | 01 | 2 | | 0.13 | 3.18 | 0.25 | 6.35 | 2.53 | 64.26 | 0.97 | 24.64 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | 9.53 | 1.53 | 38.86 | 1.06 | 26.92 |
| | 02 | 2 | | 0.25 | 6.35 | 0.38 | | 2.53 | 64.26 | | |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 1.53 | 38.86 | , , , | |
| 16 | 03 | 2 | 16 | 0.31 | 7.92 | 0.50 | 12.70 | 2.53 | 64.26 | 1.16 | 29.46 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 1.53 | 38.86 | 1.25 | |
| | 04 | 2 | | 0.44 | 11.10 | 0.63 | 15.88 | 2.53 | 64.26 | | 31.75 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | 19.05 | 1.53 | 38.86 | | |
| | 05 | 2 | | 0.56 | 14.27 | 0.75 | | 2.53 | 64.26 | | 35.05 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | 0.05 | 0.05 | 0.00 | 0.50 | 1.53 | 38.86 | 4 00 | |
| | 01 | 2 | | 0.25 | 6.35 | 0.38 | 9.53 | 2.53 | 64.26 | 1.06 | 26.92 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | 0.21 | 7.00 | 0.50 | 10.70 | 1.53 | 38.86 | 1 10 | 20.46 |
| | 02 | 2 | | 0.31 | 7.92 | 0.50 | 12.70 | 2.53 | 64.26 | 1.16 | 29.46 |
| | | 3 | | | | | | 3.53 1.53 | 89.66 38.86 | | |
| 18 | 03 | 2 | 18 | 0.44 | 11.10 | 0.63 | 15.88 | 2.53 | 64.26 | 1.25 | 31.75 |
| 10 | 0.5 | 3 | 10 | 0.44 | 11.10 | 0.03 | 13.00 | - | 89.66 | 1.23 | 31.73 |
| | | 1 | | | | | | 3.53 1.53 | 38.86 | | |
| | 04 | 2 | | 0.56 | 14.27 | 0.75 | 19.05 | 2.53 | 64.26 | 1.38 | 35.05 |
| | | 3 | | 0.00 | 17.41 | 0.75 | | 3.53 | 89.66 | | 00.00 |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 05 | 2 | -l _ l _ | 0.69 | 17.45 | 0.88 | 22.23 | 2.53 | 64.26 | 1.50 | 38.10 |
| | | 3 | | 0.00 | 17.40 | 0.00 | | 3.53 | 89.66 | 1.55 | 55.10 |
| | | | | | | | | 0.00 | 33.00 | | |



Connector Group - N

Straight

| | | | | TAB | LE - A | | | | | | |
|-------|----------------------|--------|------------|------|--------|-------|-------|--------------|-----------------|------|-----------|
| | MPHENOL BER DESIG | | | (| CABLE | RANGE | | L (I | MAX) | Y (N | IAX) |
| SHELL | ENTRY | | CONNECTOR | М | IN | M | ΔX | | | | |
| SIZE | SIZE | LENGTH | SHELL SIZE | INCH | мм | INCH | мм | INCH | ММ | INCH | ММ |
| | | 1 | | | | 0.38 | | 1.53 | 38.86 | | |
| | 0.4 | 2 | | 0.05 | 0.05 | | 0.50 | 2.53 | 64.26 | 1.00 | 00.00 |
| | 01 | 3 | | 0.25 | 6.35 | | 9.53 | 3.53 | 89.66 | 1.06 | 26.92 |
| | | 4 | | | | | | 4.53 | 115.06 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 02 | 2 | | 0.31 | 7.92 | 0.50 | 12.70 | 2.53 | 64.26 | 1.16 | 29.46 |
| | 02 | 3 | | 0.01 | | 0.50 | 12.70 | 3.53 | 89.66 | 1.10 | 23.40 |
| | | 4 | | | | | | 4.53 | 115.06 | | |
| | | 1 | | 0.44 | 11.10 | 0.63 | | 1.53 | 38.86 | | |
| | 03 | 2 | | | | | 15,88 | 2.53 | 64.26 | 1.25 | 31.75 |
| | | 3 | | 0.11 | 11.10 | 0.00 | 10.00 | 3.53 | 89.66 | 1.20 | 01.70 |
| 20 | | 4 | 20 | | | | | 4.53 | 115.06 | | |
| | | 1 | _~ | | | | | 1.53 | 38.86 | | |
| | 04 | 2 | | 0.56 | 14.27 | 0.75 | 19.05 | 2.53 | 64.26 | 1.38 | 35.05 |
| | | 3 | | 0.00 | | 01. | | 3.53 | 89.66 | | |
| | | 4 | | | | | | 4.53 | 115.06 | | |
| | | 1 | | 0.69 | | | | 1.53 | 38.86 | 1.50 | |
| | 05 | 2 | | | 17.45 | 0.88 | 22.23 | 2.53 | 64.26 | | 38.10 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 4 | | | | | | 4.53 | 115.06 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 06 | 2 | | 0.81 | 20.62 | 1.00 | 25.40 | 2.53 | 64.26 | 1.63 | 41.40 |
| | | 3 | | | | | | 3.53 | 89.66 | | |
| | | 4 | | | | | | 4.53 | 115.06 | | |
| | | 1 | | | | | | 1.53 | 38.86 | | |
| | 01 | 2 | | 0.25 | 6.35 | 0.38 | 9.53 | 2.53 | 64.26 | 1.06 | 26.92 |
| | | 3 4 | | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 4.53 | 115.06 | | |
| | | 2 | | | | | | 1.53 2.53 | 38.86 | | |
| | 02 | | 00 | 0.31 | 7.92 | 0.50 | 12.70 | | 64.26 | 1.16 | 29.46 |
| 22 | | 3 4 | 22 | | | | | 3.53 | 89.66 | | |
| | | 1 | | | | | | 4.53 1.53 | 115.06 38.86 | | |
| | | 2 | 4 | | | | | 2.53 | 64.26 | | |
| | 03 | 3 | | 0.44 | 11.10 | 0.63 | 15.88 | 3.53 | 89.66 | 1.25 | .25 31.75 |
| | | 4 | | | | | | 4.53 | 115.06 | | |
| | | 4 | | | | | | 4.00 | 115.00 | | |



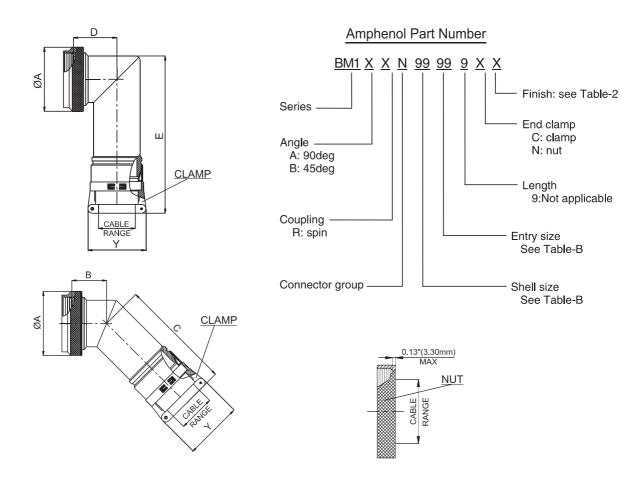
Connector Group - N

| | | | | TAB | LE - A | | | | | | |
|-------|----------|------------------|------------|------|--------|-------|-------|------------------------------|-----------------------------------|------|-------|
| | PHENOL P | | | (| CABLE | RANGE | ≣ | L (ľ | MAX) | Y (N | IAX) |
| SHELL | ENTRY | | CONNECTOR | М | IN | M | AX | | | | |
| SIZE | SIZE | LENGTH | SHELL SIZE | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ |
| | 04 | 1 2 3 4 | | 0.56 | 14.27 | 0.75 | 19.05 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.38 | 35.05 |
| | 05 | 1 2 3 4 | | 0.69 | 17.45 | 0.88 | 22.23 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.50 | 38.10 |
| 22 | 06 | 1 2 3 4 | 22 | 0.81 | 20.62 | 1.00 | 25.40 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.63 | 41.40 |
| | 07 | 1 2 3 4 | | 0.94 | 23.80 | 1.13 | 28.58 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.75 | 44.45 |
| | 01 | 1 2 3 4 | | 0.31 | 7.92 | 0.50 | 12.70 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.16 | 29.46 |
| | 02 | 1 2 3 4 | | 0.44 | 11.10 | 0.63 | 15.88 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.25 | 31.75 |
| | 03 | 1 2 3 4 | | 0.56 | 14.27 | 0.75 | 19.05 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.38 | 35.05 |
| 24 | 04 | 1 2 3 4 | 24 | 0.69 | 17.45 | 0.88 | 22.23 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.50 | 38.10 |
| | 05 | 1 2 3 4 | | 0.81 | 20.62 | 1.00 | 25.40 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.63 | 41.40 |
| | 06 | 1 2 3 4 | | 0.94 | 23.80 | 1.13 | 28.58 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.75 | 44.45 |
| | 07 | 1 2 3 4 | | 1.06 | 26.97 | 1.25 | 31.75 | 1.53 2.53 3.53 4.53 | 38.86 64.26 89.66 115.06 | 1.88 | 47.75 |



Connector Group - N

90°, 45°



NOTE: * For more cable entry options, contact factory

| | | | | | | | | TABLI | E - B | | | | | | | | | |
|-------|-------|------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|------|-------|
| 1 | | CONNECTOR | CABLE RANGE | | | | A DIA. (MAX) | | B (MAX) | | C (MAX) | | D (MAX) | | E (MAX) | | Y (N | IAX) |
| SHELL | ENTRY | SHELL SIZE | M | N | M | ΔX | | | | | | | | | | | | |
| SIZE | SIZE | | INCH | ММ | INCH | ММ | INCH | мм | INCH | ММ | INCH | ММ | INCH | мм | INCH | ММ | INCH | мм |
| | 01 | | 0.06 | 1.57 | 0.13 | 3.18 | | | | | | | | | | | 0.78 | 19.81 |
| 08 | 02 | 8 | 0.13 | 3.18 | 0.25 | 6.35 | 0.75 | 19.05 | 0.46 | 11.68 | 3.15 | 80.01 | 0.69 | 17.53 | 3.46 | 87.88 | 0.97 | 24.64 |
| | 01 | | 0.06 | 1.57 | 0.13 | 3.18 | | | | | | | | | | | 0.78 | 19.81 |
| 10 | 02 | 10 | 0.13 | 3.18 | 0.25 | 6.35 | 0.85 | 21.59 | 0.52 | 13.21 | 3.21 | 81.53 | 0.78 | 19.81 | 3.58 | 90.93 | 0.97 | 24.64 |
| | 03 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| | 01 | | 0.13 | 3.18 | 0.25 | 6.35 | | | | | | | | | | | 0.97 | 24.64 |
| 12 | 02 | 12 | 0.25 | 6.35 | 0.38 | 9.53 | 1.00 | 25.40 | 0.58 | 14.73 | 3.27 | 83.06 | 0.80 | 20.32 | 3.60 | 91.44 | 1.06 | 26.92 |
| | 03 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| | 01 | | 0.13 | 3.18 | 0.25 | 6.35 | | | | | | | | | | | 0.97 | 24.64 |
| | 02 | | 0,25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| 14 | 03 | 14 | 0.31 | 7.92 | 0.50 | 12.70 | 1.15 | 29.21 | 0.65 | 16.51 | 3.36 | 85.34 | 0.88 | 22.35 | 3.67 | 93.22 | 1.16 | 29.46 |
| | 04 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |



Connector Group - N

| | | | | | | | | TABLE | E - B | | | | | | | | | |
|------|------------------------|------------|------|-------|------|-------|------|-------|-------|-------|------|-------|------|-------|------|--------|------|-------|
| | ENOL UMBER NATOR | CONNECTOR | | CABLE | | | | (MAX) | | IAX) | C (N | IAX) | D (N | IAX) | E (N | IAX) | Y (N | IAX) |
| | ENTRY | SHELL SIZE | M | N | M | AX | | | | | | | | | | | | |
| SIZE | SIZE | | INCH | MM | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ | INCH | ММ |
| | 01 | | 0.13 | 3.18 | 0.25 | 6.35 | | | | | | | | | | | 0.97 | 24.64 |
| | 02 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| 16 | 03 | 16 | 0.31 | 7.92 | 0.50 | 12.70 | 1.25 | 31.75 | 0.74 | 18.80 | 3.47 | 88.14 | 0.93 | 23.62 | 3.76 | 95.50 | 1.16 | 29.46 |
| | 04 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| | 05 | | 0.56 | 14.27 | 0.75 | 19.05 | | | | | | | | | | | 1.38 | 35.05 |
| | 01 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| | 02 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| 18 | 03 | 18 | 0.44 | 11.10 | 0.63 | 15.88 | 1.40 | 35.56 | 0.93 | 23.62 | 3.66 | 92.96 | 1.01 | 25.65 | 3.93 | 99.82 | 1.25 | 31.75 |
| | 04 | | 0.56 | 14.27 | 0.75 | 19.05 | | | | | | | | | | | 1.38 | 35.05 |
| | 05 | | 0.69 | 17.45 | 0.88 | 22.23 | | | | | | | | | | | 1.50 | 38.10 |
| | 01 | | 0.25 | 6.35 | 0.38 | 9.53 | 1.55 | | | | | | 1.06 | | | | 1.06 | 26.92 |
| | 02 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| 20 | 03 | 20 | 0.44 | 11.10 | 0.63 | 15.88 | | 39.37 | 0.93 | 23.62 | 3.66 | 92.96 | | 26.92 | 3.93 | 99.82 | 1.25 | 31.75 |
| | 04 | | 0.56 | 14.27 | 0.75 | 19.05 | | | | | | | | | | | 1.38 | 35.05 |
| | 05 | | 0.69 | 17.45 | 0.88 | 22.23 | | | | | | | | | | | 1.50 | 38.10 |
| | 06 | | 0.81 | 20.62 | 1.00 | 25.40 | | | | | | | | | | | 1.63 | 41.40 |
| | 01 | | 0.25 | 6.35 | 0.38 | 9.53 | | | | | | | | | | | 1.06 | 26.92 |
| | 02 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| | 03 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| 22 | 04 | 22 | 0.56 | 14.27 | 0.75 | 19.05 | 1.65 | 41.91 | 1.02 | 25.91 | 3.81 | 96.77 | 1.17 | 29.72 | 4.04 | 102.62 | 1.38 | 35.05 |
| | 05 | | 0.69 | 17.45 | 0.88 | 22.23 | | | | | | | | | | | 1.50 | 38.10 |
| | 06 | | 0.81 | 20.62 | 1.00 | 25.40 | | | | | | | | | | | 1.63 | 41.40 |
| | 07 | | 0.94 | 23.80 | 1.13 | 28.58 | | | | | | | | | | | 1.75 | 44.45 |
| | 01 | | 0.31 | 7.92 | 0.50 | 12.70 | | | | | | | | | | | 1.16 | 29.46 |
| | 02 | | 0.44 | 11.10 | 0.63 | 15.88 | | | | | | | | | | | 1.25 | 31.75 |
| | 03 | | 0.56 | 14.27 | 0.75 | 19.05 | | | | | | | | | | | 1.38 | 35.05 |
| 24 | 04 | 24 | 0.69 | 17.45 | 0.88 | 22.23 | 1.85 | 46.99 | 1.02 | 25.91 | 3.81 | 96.77 | 1.18 | 29.97 | 4.04 | 102.62 | 1.50 | 38.10 |
| | 05 | | 0.81 | 20.62 | 1.00 | 25.40 | | | | | | | | | | | 1.63 | 41.40 |
| | 06 | | 0.94 | 23.80 | 1.13 | 28.58 | | | | | | | | | | | 1.75 | 44.45 |
| | 07 | | 1.06 | 26.97 | 1.25 | 31.75 | | | | | | | | | | | 1.88 | 47.75 |

