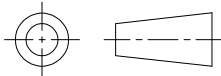


Issue No.	Eng. Ref. No.	REVISIONS	Date	App. By
28	B611	'TM' ADDED	31.03.25	SPK
29	B617	FINISH ADDED	11.04.25	SPK

MATERIAL :-

Aluminium alloy as per ASTM B211,221,209,26,85

Designation	Finish	Finish Specification	RoHS	Salt Spary Hours	Operating Temp. Range
A	Anodize, Black *	To meet AS85049 Requirments	RoHS Compliant	500	-65 to +175 °C
B	Anodize, Hard *	AMS-A-8625, Type-III, Class-1	RoHS Compliant	500	-65 to +175 °C
L	Nickel, Bright	AMS-QQ-290, Class-1, Grade-F	RoHS Compliant	96	-65 to +175 °C
M	Electroless Nickel	AMS-C-26074, Class-4,Grade-B	RoHS Compliant	96	-65 to +200 °C
N	Electroless Nickel	To meet AS85049 Requirments	RoHS Compliant	96	-65 to +200 °C
G	Cadmium, Black	AMS-QQ-P-416 Type I, Class 3	NO	48	-65 to +175 °C
C	Cadmium, Bright	AMS-QQ-P-416, Type-I, Class-2	NO	500	-65 to +175 °C
U	Cadmium, Olive Drab	AMS-QQ-P-416, Type-II, Class-3	NO	500	-65 to +175 °C
V	Cadmium, Olive Drab over Electroless Nickel	AMS-QQ-P-416	NO	1000	-65 to +175 °C
W	Cadmium, Olive Drab over Electroless Nickel	To meet AS85049 Requirments	NO	1000	-65 to +175 °C
WB	Cadmium, Black		NO	500	-65 to +175 °C
Y	Zinc-Cobalt, Dark Olive Drab	ASTM-B840	RoHS Compliant	500	-65 to +175 °C
Z	Zinc-Cobalt, Black	ASTM-B840	RoHS Compliant	500	-65 to +175 °C
ZN	Zinc Nickel	ASTM-B841	RoHS Compliant	1000	-65 to +175 °C
TN	Nickel Teflon	AMS 2454	RoHS Compliant	500	-65 to +175 °C
ZG	Zinc Nickel Gray	ASTM-B841	RoHS Compliant	500	-65 to +175 °C
TB	Tin zinc & Hard Anodize(Hybrid)	Hybrid	RoHS Compliant	500	-65 to +175 °C
ZA	Coupler Anodized follower black Zinc Nickel	Hybrid	RoHS Compliant	500	-65 to +175 °C
WY	Cadmium, Yellow over Electroless Nickel		NO	500	-65 to +175 °C
P	Cadmium olive drab over Electroless Nickel Selective Palting	To meet AS85049 Requirments	NO	96	-65 to +175 °C
AB	Anodize blue *	DEF 03-25	RoHS Compliant	48	-65 to +175 °C
TZ	Tin Zinc	ROHS & REACH - COMPATIBLE CHROME VI - FREE	RoHS Compliant	500	-65 to +175 °C
ZP	Zinc Nickel over Electroless nickel Selective Palting	To meet AS85049 Requirments	RoHS Compliant	96	-65 to +175 °C
TD	AP93	DEF 03-25			
GN	Electroless Nickel (space grade)	AMS-C-26074, Class-4,Grade-B	RoHS Compliant	96	-65 to +200 °C
ZB	Tin Zinc Black	ROHS & REACH - COMPATIBLE CHROME VI - FREE	RoHS Compliant	500	-65 to +175 °C

Amphenol AIPL			TITLE Material & Finishes For Amphenol part number				
						All Dimensions are in MM /INCHES	
	Name	Date	Dwg. Size A4	Dwg.No. PSTDBS256		STANDARD	
Drawn by	Santhosh	15.05.24					
Checked by	KSC	31.03.25					
App.by	SPK	31.03.25					
			Doc. No.: QF—DEV—76 REV. NO. : 02		Sheet 1 OF 3		

Issue No.	Eng. Ref. No.	REVISIONS	Date	App. By
28	B611	'TM' ADDED	31.03.25	SPK
29	B617	FINISH ADDED	11.04.25	SPK

- MATERIAL :-**
- Aluminium alloy as per ASTM B211,221,209,26,85**

Designation	Finish	Finish Specification	RoHS	Salt Spary Hours	Operating Temp. Range
YN	Zinck nickel green coupler electroless Nickel follower	Hybrid	RoHS Compliant	500	-65 to +175 °C
ZY	Zinc Nickel Green		RoHS Compliant	500	-65 to +175 °C
TA	Tin zinc black with Anodize coupler	Hybrid	RoHS Compliant	500	-65 to +175 °C

- MATERIAL :-**
- Stainless Steel as per AMS-QQ-S-763/ASTN A 582**

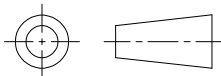
Designation	Finish	Finish Specification	RoHS	Salt Spary Hours	Operating Temp. Range
S	SS 304L Material with passivation	AMS-QQ-P-35 OR ASTM A 967	RoHS Compliant	1000	-65 to +200°C
E	Hybrid (Coupler-Stainless steel/passivation, Follower-Aluminum/Electroless Nickel)	AMS2700/AMS-C-26074 CLASS 4 GRADE A OR AMS 2404	RoHS Compliant	96	-65 to +200 °C
F	Cadmium, Black	AMS-QQ-P-416	NO	1000	-65 to +175 °C
D	Nickel	AMS-QQ-290, Class-1, Grade-F	NO	500	-65 to +200 °C
ST	Tin Plate	ASTM B 545 TYPE 1	RoHS Compliant	500	-65 to +175 °C
S1	SS 316L Material with passivation	AMS-QQ-P-35 OR ASTM A 967	RoHS Compliant	1000	-65 to +200 °C
ZS	Black Zinc Nickel		RoHS Compliant	1000	-65 to +175 °C
LD	SS 316L Nickel		NO	500	-65 to +200 °C

- MATERIAL :-**
- Titanium as per ASTM B265**

Designation	Finish	Finish Specification	RoHS	Salt Spary Hours	Operating Temp. Range
TM	Titanium Material with passivation	ASTM F86/ ASTM A967 or AMS 2700			

- MATERIAL :-**
- Brass**

Designation	Finish	Finish Specification	RoHS	Salt Spary Hours	Operating Temp. Range
BN	Electroless Nickel	AMS-C-26074			

Amphenol AIPL			TITLE Material & Finishes For Amphenol part number				
						All Dimensions are in MM /INCHES	
	Name	Date	Dwg. Size A4	Dwg.No. PSTDBS256		STANDARD	
Drawn by	Santhosh	15.05.24		Doc. No.: QF—DEV—76 REV. NO. : 02			
Checked by	KSC	31.03.25					
App.by	SPK	31.03.25					
			Sheet 2 OF 3				

Issue No.	Eng. Ref. No.	REVISIONS	Date	App. By
28	B611	'TM' ADDED	31.03.25	SPK
29	B617	FINISH ADDED	11.04.25	SPK

MATERIAL :-

Nickle Aluminium(NiAl)-Bronze ASTM 4060/ASTM B150: C63000/DGC1043 Grade 2

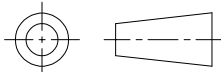
Designation	Finish	Finish Specification	RoHS	Salt Spary Hours	Operating Temp. Range
K	Unplated		NO	500	-65 to +200 °C
KW	Cadmium, Olive Drab over Electroless Nickel	AMS-QQ-P-416	NO	1000	-65 to +175 °C

Composite

Designation	Finish	Finish Specification	RoHS	Salt Spary Hours	Operating Temp. Range
T	Without plating		RoHS Compliant	2000	-65 to +175 °C
CN	Electroless Nickel	AMS-C-26074	RoHS Compliant	2000	-65 to +200°C
CW	Cadmium, Olive Drab over Electroless Nickel	AMS-QQ-P-416 TYPE II CLASS 1 OVER, ELECTROLESS NICKEL AMS-C-26074 CLASS 4 GRADE B	NO	2000	-65 to +175 °C
CZ	Zinc Nickel	ASTM B841 GRADE 8 TYPE D OVER,ELECTROLESS NICKEL AMS-C-26074, CLASS 4 GRADE B	RoHS Compliant	2000	-65 to +200 °C
CP	Cadmium, Olive Drab over Electroless Nickel Selective Palting	To meet AS85049 Requirments	NO	2000	-65 to +175 °C

NOTES :-

* Non Conductive Coatings, not suitable for EMI shielding applications.
 Consult factory for other available finishes.

Amphenol AIPL			TITLE Material & Finishes For Amphenol part number				
						All Dimensions are in MM /INCHES	
	Name	Date	Dwg. Size A4	Dwg.No. PSTDBS256		STANDARD	
Drawn by	Santhosh	15.05.24		Doc. No.: QF—DEV—76 REV. NO. : 02 Sheet 3 OF 3			
Checked by	KSC	31.03.25					
App.by	SPK	31.03.25					