

POWERSAFE / VG96944 - HOW TO ORDER - PROPRIETARY DESIGNATIONS

1.	2.	3.	4.	5.	6.	7.
Series	Shell type	Crimp contacts	Class	Contact arrangement	Contact gender	Keying
TV	P00	R	W	13-E4	P	-

1. Shell type

	Shell type	Temperature	Associated materials and platings for E inserts	Associated materials and platings for V inserts
06	Straight plug	+175°C*	W, ZN, ZR, TZ	W, ZN, ZR, TZ, F, K, S, B
S06		+200° C	F, K, S, B	-
P00	Square flange receptacle	+175°C*	W, ZN, ZR, TZ	W, ZN, ZR, TZ, F, K, S, B
PS00		+200° C	F, K, S, B	-
07	Jam nut receptacle	+175°C*	W, ZN, ZR, TZ	W, ZN, ZR, TZ, F, K, S, B
S07		+200° C	F, K, S, B	-

2. Crimp contacts

R	For Class W, F, K and B platings
Blank	For Class ZN and TZ plating

3. Class: Material & Finish

	Shell material	Shell finish
W	Aluminum	Olive drab cadmium
F		Nickel ✓
ZN		Black zinc nickel ✓
ZR		Black zinc nickel without Chromium 6+ ✓
TZ	Marine bronze ✓	Tin Zinc ✓
B		-
K	Stainless steel	Passivated ✓
S		Nickel ✓

4. Contact arrangement

13-E4	Size 13 – 4 contacts
15-E4	Size 15 – 4 contacts
17-E6	Size 17 – 6 contacts
21-E4	Size 21 - 4 contacts
23-E4	Size 23 - 4 contacts
25-E6	Size 25 – 6 contacts
Please note that standard inserts have a Comparative Tracking Index (CTI) <100V and can withstand a temperature up to 200°C depending on shell material and platings.	
13-V4	Size 13 – 4 contacts
15-V4	Size 15 – 4 contacts
17-V6	Size 17 – 6 contacts
21-V4	Size 21 - 4 contacts
23-V4	Size 23 - 4 contacts
25-V6	Size 25 – 6 contacts

Please note that VG inserts have a Comparative Tracking Index (CTI) between 175 & 400V (Material Group IIIa) and can withstand a temperature up to 150°C.

5. Contact gender

P	Pin (500 cycles)
S	Socket (500 cycles)

6. Keying

(Blank) (for normal)	A	B	C	D
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7. Deviation

Deviation	Description	Shell type compatibility
F312	Reduced flange receptacle with a standard nut	07/S07

For other deviations availability, please consult us

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1.	2.	3.	4.	5.
Series	Shell type	Contact arrangement	Contact gender	Keying
VG96944-04	A	13-V4	P	N

1. Shell type

A	Receptacle	Square flange receptacle
B		Jam nut receptacle
C	Straight plug	

2. Contact arrangement

13-V4	Size 13 – 4 contacts
15-V4	Size 15 – 4 contacts (qualification to come)
17-V6	Size 17 – 6 contacts
21-V4	Size 21 - 4 contacts (qualification to come)
23-V4	Size 23 - 4 contacts (qualification to come)
25-V6	Size 25 – 6 contacts

Please note that VG inserts have a Comparative Tracking Index (CTI) between 175 & 400V (Material Group IIIa) and can withstand a temperature up to 150°C.

3. Contact gender

P	Pin (500 cycles)
S	Socket (500 cycles)

4. Keying

N (for normal)	A	B	C	D
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5. Material and platings

	Shell material	Shell finish
A	Aluminum	Olive drab cadmium (13-V4/17-V6/25-V6 only)
J		Tin Zinc ✓ (Qualification in progress)
B	Marine bronze ✓	-

