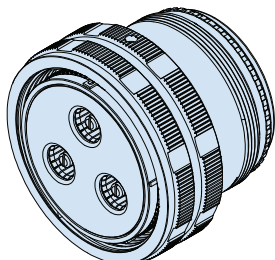
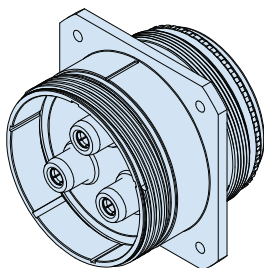




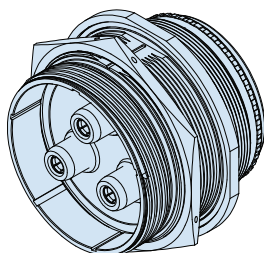
970-048 Plug, Jam Nut/Wall Mount Receptacles, Crimp Removable



G6 - PLUG



D0 / CS - WALL
MOUNT RECEPTACLE



07 - JAM NUT
RECEPTACLE

970-048 Plug, jam nut/wall mount receptacles are EMI protected with ground spring. Self-locking coupling nut resists loosening under vibration. Aluminum or stainless steel plug has five polarizing keys. Crimp rear-release contacts are packaged with connector. PowerTrip connectors feature low resistance LouverBand contacts and are sealed to withstand extreme environments.

- Quick-disconnect self-locking aerospace-grade power connector
- 2000 VAC (DWV)
- -65° to +200°C
- EMI ground spring
- Crimp, rear-release contacts
- High shock, high vibration

HOW TO ORDER

Sample Part Number		970-048	-G6	ME	44	-3	P	1
Basic Part Number	970-048 Plug, jam nut/wall mount receptacles							
Connector Style	G6 = Plug with EMI Spring D0 = Wall Mount Receptacle CS = Wall Mount Receptacle w/Clinch Nuts (Not available for Z1/ZL) 07 = Jam Nut Receptacle							
Material/Finish	ME = Aluminum / Electroless Nickel MT = Aluminum / Nickel PTFE NF = Aluminum / Olive Drab Cadmium ZR = Aluminum / Black Zinc-Nickel Z1 = Stainless Steel / Passivated ZMT = Stainless Steel / Nickel-PTFE							
Shell Size	44							
Insert Arrangement	3							
Insert Designator	P = Pin Contact S = Socket Contact A = Pin Insulator less Pin Contacts B = Socket Insulator less Socket Contacts							
Key Position	1, 2, 3, 4, 5, or 6							

RATINGS

Voltage (DWV): 2000 Volts AC
Operating temperature: -65° to +200°C
IR: 5000 MEGOHMS minimum
EMI shielding effectiveness: 65 dB min. 100 MHz to 10 GHz
Shock: 50 g
Vibration: per MIL-DTL-38999 Series III
MIL-S-901 high impact shock: Grade A
Blowing sand and dust: MIL-STD-810, method 510.5
Altitude immersion: 75,000 feet
Ingress protection: IP67
Water pressure: 6 feet, 48 hours

CONSTRUCTION

Contact size: See Contacts Table
Shell, coupling nut, jam nut: Aluminum or stainless steel, see How to Order
Insulator: Peek thermoplastic / N/A
Grommet, seals: Fluorosilicone / N/A
Contacts: Copper alloy / gold

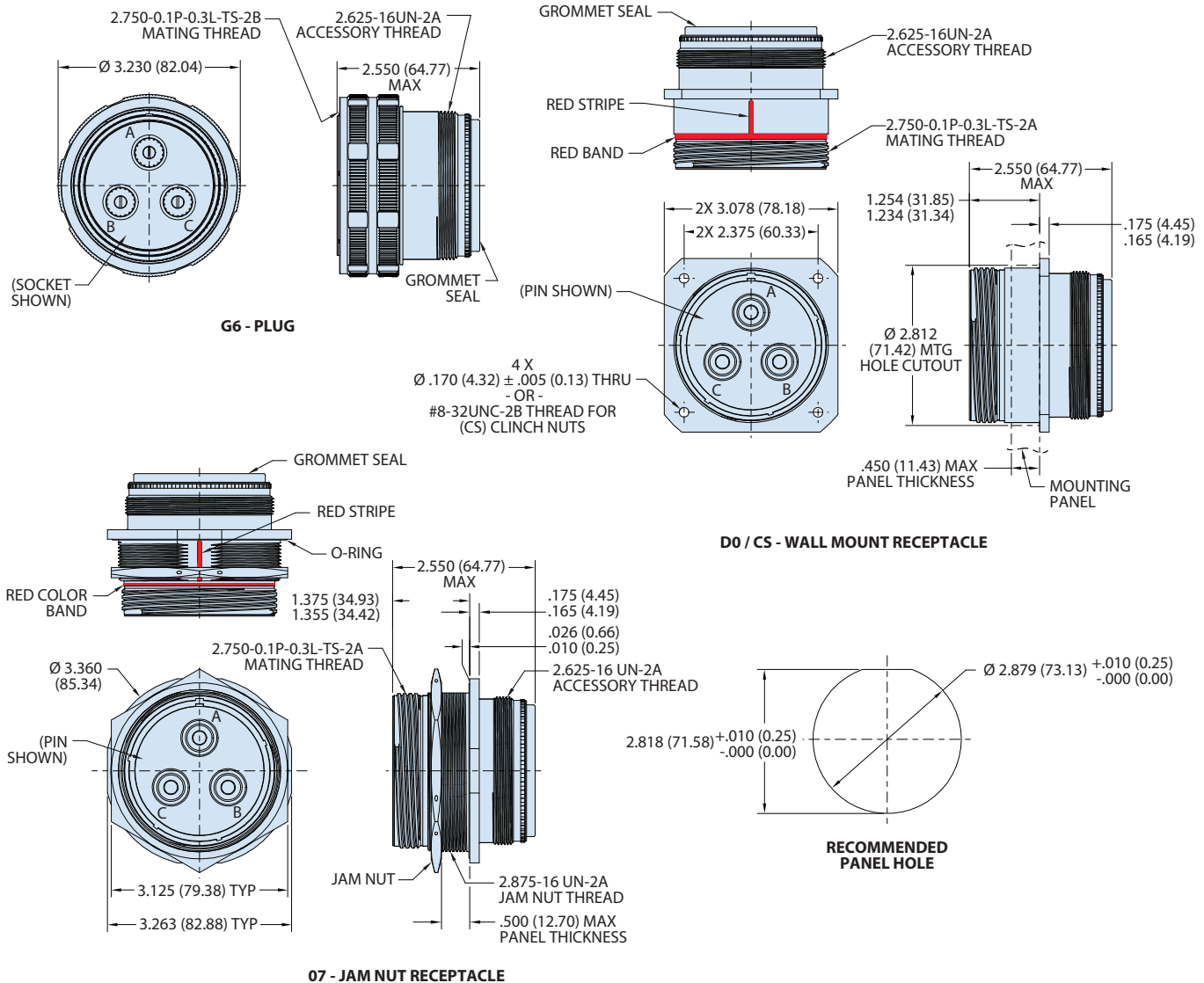
CONTACTS

Gender	Size	AWG	P/N
Pin	4/0	4/0	857-437
Socket			857-438

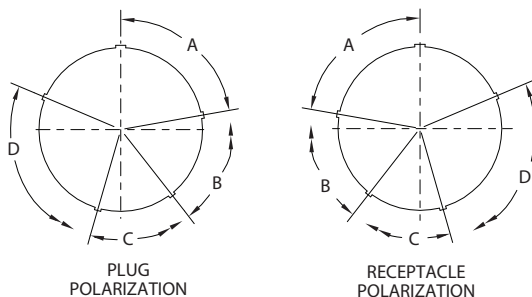
HERMETIC AND FILTER RECEPTACLES

970-048 Plug, Jam Nut/Wall Mount Receptacles, Crimp Removable

HERMETIC AND FILTER RECEPTACLES



KEY POSITIONS



Position	A°	B°	C°	D°
1	80	142	196	293
2	135	170	200	310
3	49	169	200	244
4	66	140	200	257
5	62	145	180	280
6	79	153	197	272