

Amphenol

26482 Series 1



Interconnect Technology



Key Benefits

Power or Signal

Quick Positive Coupling

Water Resistant

High Shock and High Vibration

(50 g's, 11 ms Half Sine)

(15 g's from 70 to 500 Hz)

Qualified to Mil-C-26482 Series I

Operating Temp Range: -55C to +125C

UL Recognized

500+ Mating Cycles



Connector Options

- 60 contact arrangements (Solder), 47 (Crimp)
 - From 1 to 61 circuits available
- Shell sizes 6 to 24
- Variety of finishes available including RoHS compliant finishes
- Variety of Shell Styles and back end fittings
- Contact Sizes: 12, 16, and 20
- Solder, Crimp, PCB, Coax, Thermocouple, Hermetic
- Positioning of the insert: normal and four alternates W,X,Y,Z



Specifications

Aluminum construction (machined or die cast)

Current Rating: 7.5 to 23 Amperage Contact Size 20 AWG to 12 AWG

Voltage Rating: up to 1000 VAC

Termination: Solder or Crimp

Copper contacts, gold plated

Neoprene Inserts

Operating Temperature: -55°C to +125°C

Durability: 500 mating cycles

IP67 in mated condition



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PT Series Solder Type

1 2 3 4 5 6 7 8
Solder - PT 00 E 20 – 41 P W

Crimp - PT 06 SE 20 – 41 S W (SR)

1. Connector type = PT, SP, PTG, PTB

2. Shell Style = 00 Thru 08

3. Service Classes = Solder E, A, C Crimp SE, SP

4. Shell Size = Solder 6 to 24, Crimp 8 to 24

5. Insert Arrangement

6. Contacts = S (Socket) or P (Pin)

7. Insert Rotation = W, X, Y, Z

8. Strain relief (SR) and/or plating

Shell Styles

00 Wall Mount

01 Cable Mount

02 Box Mount Receptacle

06 Straight Plug

08 90° Plug

07 Jam Nut Receptacle

Strain Relief Plating

(003) OD Cad (standard)

(005) Anodic

(023) Electroless Nickel

(025) Black Zinc Cobalt

(027) Conductive Black Zinc

(SR) Strain Relief



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PT Series Solder Type

1 2 3 4 5 6 7 8
Solder - MS 311 6 E 20-41 P W

Crimp - MS 312 6 E 20-41 P W

1. Connector type = "MS" military standard
2. Specification Number = 311(Solder) or 312 (Crimp)
3. Shell Style = 0 Thru 6
4. Service Classes = Solder "E" or "F" (E with SR)
5. Shell Size = Solder 6 to 24, Crimp 8 to 24
6. Insert Arrangement
7. Contacts = S (Socket) or P (Pin)
8. Insert Rotation = W, X, Y, Z

Shell Styles

- 0 Wall Mount
- 1 Cable Mount
- 2 Box Mount Receptacle
- 4 Jam Nut Receptacle
- 6 Straight Plug

Spec Number/Class

- 311 – Solder
- 312 – Crimp

- E – Environmental
- F – Environmental with SR



Applications

- **Heavy Equipment**
 - Generators, Military Vehicles, GPS, Laser Leveling
- **Process Control**
 - Factory Automation, Motors, Traffic Control, Robotics, Welding Equipment
- **Mass Transit**
 - Pass-through-Cab, Instrumentation, DVR Systems, Mobile Cameras and Radios
- **Medical**
 - Test Equipment, MRI Equipment
- **Geophysical**
 - Geophones
 - Blowout Detectors

