



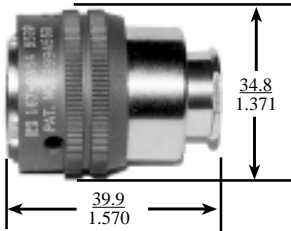
Series

1807

15 KVDC  
Bayonet Coupling

Altitude Rated  
Operating Temperature:  
-55°C to +105°C

### 7 Pin Plug (male)



**P/N 167-9708** Shielded version (shown)

**P/N 167-9709** Non-shielded version

Cable Connector (Male). Bayonet coupling.

Operating Temperature: -55°C to +105°C

Cable Type (Shielded version): Individually shielded type 'L' cable **P/N 167-9346**

Cable Type (Non-shielded Version): 0.080 Dia. FEP wire

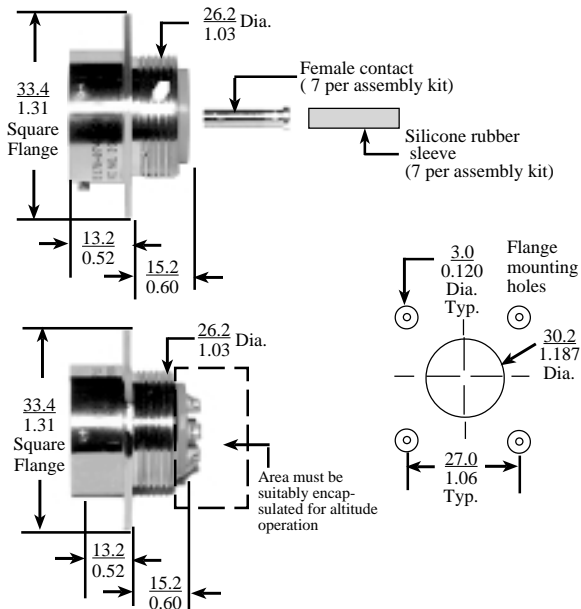
**P/N 167-9543**

[Plug assembly instructions \(non-shielded version only\)](#)

[General Specifications](#)

[Bulk cable ordering and specifications](#)

### 7 Pin Receptacles (Female) Front Mount



**P/N 178-8741** Kit. Front Mount/Box Flange (shown top)  
Plastic insulator and loose contacts. 7 female contacts

**P/N 167-9712** Front Mount/Box Flange (shown bottom)  
Plastic insulator. Contacts molded in place. 7 female contacts

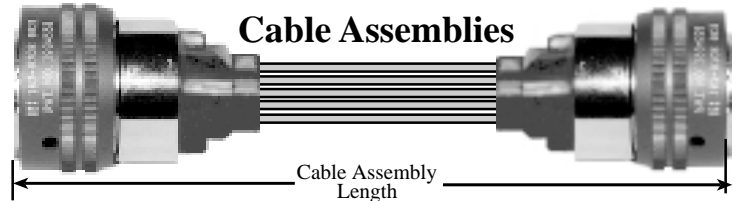
Operating Temperature: -55°C to +105°C

Mating Connectors: Mates all bayonet coupled Series 1807 Plugs and Plug cable assemblies

Insulator Material: Plastic

[Kit assembly instructions](#)

[General Specifications](#)



### Double Ended Cable Assemblies

**P/N 167-9715** 7 pin cable assembly shielded (shown)

**P/N 167-9716** 7 pin cable assembly non-shielded (not shown)

### Single Ended Cable Assemblies

**P/N 167-9718** 7 pin cable assembly shielded (not shown)

**P/N 167-9719** 7 pin cable assembly non-shielded (not shown)

Altitude Rated (up to 70,000 Ft.)

Operating temperature: -55°C to +105°C

Cable Type: Shielded version uses individual shielded 0.080 type 'L' cable **P/N 167-9346**. Non-shielded version uses 0.080 Dia. FEP wire **P/N 167-9543**

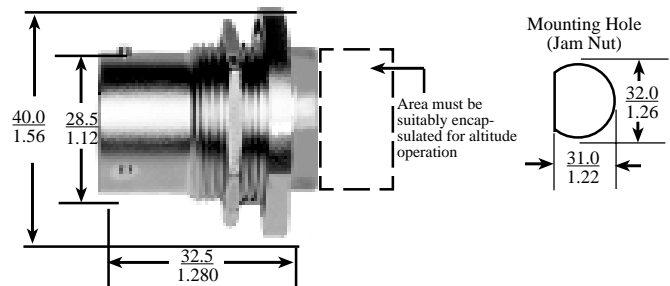
Mating Connectors: Mates all series 1807 bayonet receptacles

[Bulk cable: Ordering and specifications](#)

[General Specifications](#)

Ordering: See cable assembly ordering information below

### 7 Pin Receptacle (female)



**P/N 167-8666** Sealed. Rear mount/Jam nut receptacle

Insulator: Plastic

Altitude Rating: Up to 70,000 Ft.

Operating Temperature: -55°C to +105°C

Pressure: Helium leak tested at 1 atmosphere differential pressure. Leakage not to exceed

1 X 10<sup>-6</sup> cc/sec. He. Assemblies are 100% leak tested.

Mating Connectors: Mates all bayonet coupled series 1807 plugs and plug cable assemblies

[General Specifications](#)

### Cable Assembly Ordering information

Order by Part Number

Use "F" for feet, "N" for inches.

Example: Cable Assembly 178-7034 10 feet 8 inches in length, is ordered as **P/N 178-7034-10F-8N**