



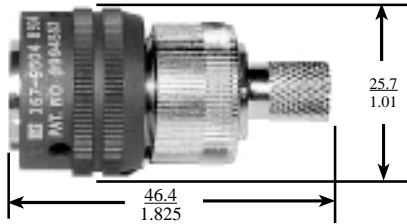
Series

1205

7.5 KVDC Bayonet Coupling

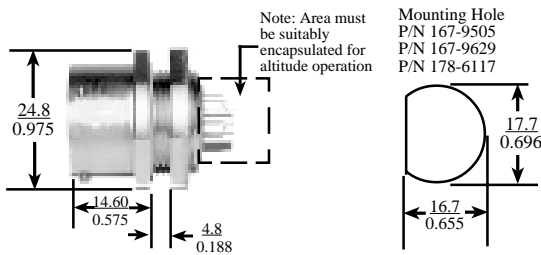
Altitude Rated Operating Temperature: -55°C to +105°C

5 Pin Plug (male)



P/N 167-9504 Shielded version (shown)
P/N 167-9509 Non-shielded version
 Cable connector (Male). Bayonet coupling
 Altitude rated (up to 70,000 Ft.)
 Operating temperature: -55°C to +105°C
 Cable type (Shielded Version): Uses individually shielded .080 Dia. type "L" cable **P/N 167-9346** with crimp braid termination. T&B crimp tool WT 218 (or equivalent) is required.
 Cable Type (non-shielded version): Individual 0.080 Dia. FEP wires **P/N 167-9543**
 Mating connectors: Mates all series 1205 receptacles
[Plug assembly instructions \(non-shielded version\)](#)
[General Specifications](#)

5 Pin Front Mount Receptacle (female)

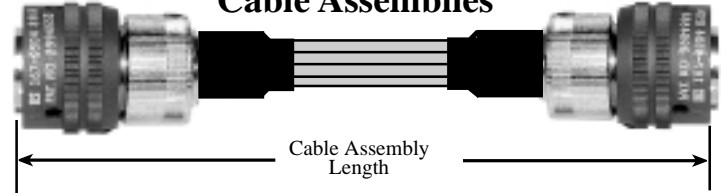


P/N 167-9505 Silicone rubber insulator
P/N 178-6117 Ultem™ plastic insulator
 Sealed receptacle
 Altitude operation: Up to 70,000 Ft. when suitably encapsulated or immersed in dielectric fluid
 Operating temperature: -55°C to +105°C
 Pressure: 100% leak tested at 1 atmosphere differential pressure to 1 X 10⁻⁶ cc/sec. He.
 Mating connectors: All series 1205 plug cable assemblies
[General Specifications](#)

5 Pin Rear Mount Receptacle (Female)

P/N 167-8919 Silicone rubber insulator (not illustrated)
 Sealed receptacle
 Altitude operation: Same as 167-9505/178-6117 shown above
 Pressure: Same as 167-9505/178-6117 shown above
 Mating connectors: All series 1205 cable assemblies
[General Specifications](#)

Cable Assemblies



Double Ended Cable Assemblies

P/N 167-9630 5 pin cable assembly shielded (shown)
P/N 167-9631 5 pin cable assembly non-shielded (not shown)

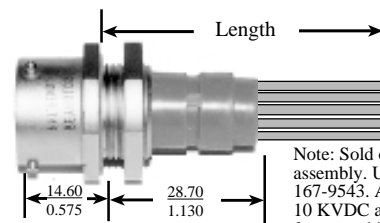
Single Ended Cable Assemblies

P/N 167-9627 5 pin cable assembly shielded (not shown)
P/N 167-9628 5 pin cable assembly non-shielded (not shown)
 Altitude rated (up to 70,000 Ft.)
 Operating temperature: -55°C to +105°C
 Crimp braid termination (for shielded assemblies)

Bayonet coupling
 Cable type: Shielded version uses individual shielded .080 type 'L' cable **P/N 167-9346**. Non-shielded version uses .080 Dia. FEP etched wire **P/N 167-9543**
 Mating Connectors: Mates all series 1205 receptacles
[General Specifications](#)
[Bulk cable: Ordering and specifications](#)
Note: See cable assembly ordering information below

5 Pin Front Mount Receptacle (female)

Pre-wired and 100% altitude tested



Note: Sold only as a pre-wired, pre-tested assembly. Uses 0.080 Dia. FEP cable P/N 167-9543. Assemblies are 100% tested to 10 KVDC at a simulated altitude of 70,000 feet at ambient room temperature

P/N 167-9629 Front mount (jam nut).

Sealed receptacle
 Altitude operation: Up to 70,000 Ft. No potting required
 Operating temperature: -55° to +105°C
 Pressure: 100% leak tested at 1 atmosphere differential pressure to 1 X 10⁻⁶ cc/sec. He.
 Mating connectors: All series 1205 plug cable assemblies
[General Specifications](#)
Note: See cable assembly ordering information below

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**