



**Series**  
**1205**  
**7.5 KVDC**

**Series**  
**1407**  
**10 KVDC**

**Series**  
**1807**  
**15 KVDC**

**Series 1205**

These 5 pin connectors have been in production for more than 20 years and are suited for low power TWTs. Rated at 7.5 KVDC at any altitude up to 70,000 feet.

**Series 1407**

Rated at 10 KVDC at altitudes up to 70,000 feet, these 7 pin connectors are widely used on TWTs and TWT power supplies.

**Series 1807**

Rated at 15 KVDC at altitudes up to 70,000 feet, these 7 pin connectors are ideal for higher power TWTs and RADAR power supplies.



**GENERAL SPECIFICATIONS**

	<u><b>1205</b></u>	<u><b>1407</b></u>	<u><b>1807</b></u>
Sea Level Voltage Rating (KVDC)	<b>7.5</b>	<b>10</b>	<b>15</b>
70,000 foot Altitude Rating (KVDC)	<b>7.5</b>	<b>10</b>	<b>15</b>
Bayonet Coupling	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
Threaded Coupling	<b>No</b>	<b>No</b>	<b>Yes</b>
Bayonet Ring Diameter (inches/mm)	<b>1.01/25.6</b>	<b>1.14/28.9</b>	<b>1.37/34.7</b>
Insulator Material (Plug)	<b>Sil. Rubber</b>	<b>Sil. Rubber</b>	<b>Sil.Rubber</b>
Insulator Material (Receptacle)	<b>Sil. Rubber**</b>	<b>Sil. Rubber**</b>	<b>DAP*</b>
Coupling and Body Material/finish	<b>Alum./nickel</b>	<b>Alum./nickel</b>	<b>Alum./nickel</b>
Bayonet Coupling Finish/lubricant	<b>Nickel/dry lube</b>	<b>Nickel/dry lube</b>	<b>Nickel/dry lube</b>
Male Contact Diameter (inches/mm)	<b>0.040/1.01</b>	<b>0.052/1.32</b>	<b>0.060/1.52</b>
Male Contact Material/finish	<b>Brass/gold</b>	<b>Brass/gold</b>	<b>Brass/gold</b>
Female Contact Material/finish	<b>BeCu/gold</b>	<b>BeCu/gold</b>	<b>BeCu/gold</b>
Hooded Female Contact	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
Front and Rear Mount Receptacles Available	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
Uses FEP Wire or Type 'L' Cable	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
100% test voltage @ 70,000 feet simulated and at ambient temperature .....	<b>10 KVDC</b>	<b>15 KVDC</b>	<b>22.5 KVDC</b>

\*Diallyl Phthalate Plastic    \*\* Also available in ULTEM™