

**CENTURY+ SERIES**

Century+ series is designed with a larger interface seal than what is used in the PeeWee series enabling it to be rated at 18 kVDC.

**RECEPTACLES**

**178-9472**
- **Mating Torque:** 5 to 6 in-lbs
- **Panel Mounting Torque:** 8 to 10 in-lbs
- **Max. Leak Rate:** $1 \times 10^{-6}$ cc/s He
  - Ø1 ATM differential pressure

**CERAMIC-TO-METAL BRAZED, HERMETIC**

**178-7541**
- Sealed for 1 ATM differential pressure
- **Max. Leak Rate:** $1 \times 10^{-6}$ cc/s He
  - Ø1 ATM differential pressure

**CABLE ASSEMBLIES**

Single-Ended, Pigtailed

**178-9480** Uses Wire 178-8781

Double-Ended

**SERIES SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Series</th>
<th>Voltage Rating (kVDC)</th>
<th>Altitude Rating (ft)</th>
<th>Operating Temp. (°C)</th>
<th>Current Rating (Amp)</th>
<th>Receptacle Insulator Material</th>
<th>Plug Insulator Material</th>
<th>Coupling Style</th>
<th>Coupling Nut Material/Finish</th>
<th>Plug Contact Material/Finish (Socket)</th>
<th>Receptacle Contact Material/Finish (Pin)</th>
<th>Wire Type</th>
<th>Test Voltage @ 10,000 ft</th>
<th>Test Voltage @ Sea Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>CENTURY+</td>
<td>18</td>
<td>70,000</td>
<td>-55 to 125</td>
<td>5</td>
<td>Plastic or Ceramic</td>
<td>Plastic</td>
<td>Threaded</td>
<td>CRES</td>
<td>BeCu/Au or Kovar™ Shielded</td>
<td>FEP Band</td>
<td>25</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**WIRE SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Operating Voltage (kVDC)</th>
<th>Conductor</th>
<th>Insulation</th>
<th>Shielding</th>
<th>Jacket</th>
<th>Impedance (Ω)</th>
<th>Attenuation (dB/100 ft @ 400 MHz)</th>
<th>Capacitance (pF/ft (Nom.) @ 0Hz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>167-8726</td>
<td>25</td>
<td>22</td>
<td>SPC</td>
<td>FEP</td>
<td>FEP</td>
<td>0.100 / 2.54</td>
<td>36</td>
<td>50</td>
</tr>
</tbody>
</table>

**Cable Assembly Ordering Information:** All cable assembly cable lengths are to be specified in inches only. For example, to order part number 178-6027 with a cable length of 10 feet 8 inches the cable assembly part number would be specified as 178-6027-128N.

**Note:** Product numbers and specs subject to change without notice. **Products listed represent only a small selection of Teledyne Reynolds’ products, please visit www.teledynereynolds.com for the most up to date product information.** **Contact Teledyne Reynolds’ Engineering to discuss custom designs.** **WARNING:** Connectors should NEVER be handled mated or unmaled when voltage is applied. Kovar is a registered trademark of the Carpenter Technology Corporation.