proponent

ESC10/EN2997 Series Connectors

Your Partner in Aerospace Distribution
proponent.com
**ESC10/EN2997 SERIES**

This series of connectors complies with the EN 2997 European standards, offering upgraded performance and meeting more severe specifications than MIL-C 83723 Series III type T.

This series is interchangeable and intermateable with connectors covered by above standard but in the case of a ESC10, EN2997, and M83723 combination, the performance will be limited to those of the MIL-C 83723.

**Characteristics**
- Shell to shell metal bottoming when plug and receptacle are locked.
- Interfacial sealing when mated.
- Connector rear teeth circumference (360°).
- Plug with self locking coupling nut.
- Temperature Class: -65°C + 260°C.
- Resistance to a selection of fluids.
- Appropriate for civil and military aircraft (engines, landing gear).

**Ordering Information**

<table>
<thead>
<tr>
<th>Class</th>
<th>Shell Style</th>
<th>Shell Size</th>
<th>Insert Arrangement</th>
<th>Contact Style</th>
<th>Alternative Keying</th>
<th>Shell Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>KE</td>
<td>Stainless Steel, Firewall (260°)</td>
<td>6, 16</td>
<td>24</td>
<td>P</td>
<td>KE</td>
<td>8, 10, 12, 14, 16, 18, 20, 24, 28</td>
</tr>
<tr>
<td>SE</td>
<td>Stainless Steel, Firewall (260°) with Grounding Spring</td>
<td>6</td>
<td>16</td>
<td>S</td>
<td>SE</td>
<td>8, 10, 12, 14, 16, 18, 20, 24, 28</td>
</tr>
<tr>
<td>YE</td>
<td>Stainless Steel Hermetic (260°C)</td>
<td>6</td>
<td>16</td>
<td>F</td>
<td>YE</td>
<td>8, 10, 12, 14, 16, 18, 20, 24, 28</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Class</th>
<th>Shell Style</th>
<th>Shell Size</th>
<th>Insert Arrangement</th>
<th>Contact Style</th>
<th>Alternative Keying</th>
<th>Shell Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>KE</td>
<td>Stainless Steel, Firewall</td>
<td>6</td>
<td>24</td>
<td>P</td>
<td>KE</td>
<td>8, 10, 12, 14, 16, 18, 20, 24, 28</td>
</tr>
<tr>
<td>SE</td>
<td>Stainless Steel, Firewall (260°) with Grounding Spring</td>
<td>6</td>
<td>16</td>
<td>S</td>
<td>SE</td>
<td>8, 10, 12, 14, 16, 18, 20, 24, 28</td>
</tr>
<tr>
<td>YE</td>
<td>Stainless Steel Hermetic (260°C)</td>
<td>6</td>
<td>16</td>
<td>F</td>
<td>YE</td>
<td>8, 10, 12, 14, 16, 18, 20, 24, 28</td>
</tr>
</tbody>
</table>

**Contact Style**
- P Pin
- S Socket

(All connectors supplied without contacts except Shell Styles 1, 2)

**Alternate Keying**
- N Normal, 6, 7, 8, and 9 Alternates

**Variations**
- O Basic connector alphabetic identifiers as assigned
- A Lockwire holes on plug

**Our Promise to You**
- ✔ Short Lead Times (2-5 Days)
- ✔ On-Hand Stock
- ✔ Technical Support
- ✔ No Minimum Order Quantity

For technical support or questions regarding available accessories such as special contacts and backshells you can contact our technical service engineers at partners@proponent.com

We supply a wide range of Backshells, Contacts, Relays, Wire & Cable, Harness Management components and associated devices.