



**Esterline**  
Connect on Technologies

**SOURIAU - SUNBANK**

A horizontal collage of four images with an orange tint. From left to right: a person in a suit, a woman smiling and holding a tablet, a commercial airplane on a tarmac, and a man in a suit looking at a tablet.

# ESC10/EN2997 Series Connectors

Your Partner in Aerospace Distribution  
[proponent.com](http://proponent.com)

## ESC10/EN2997 SERIES

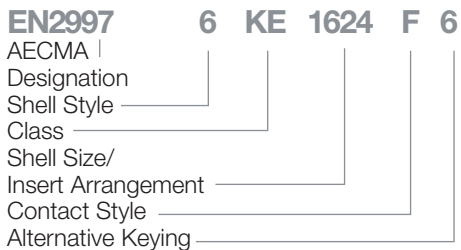
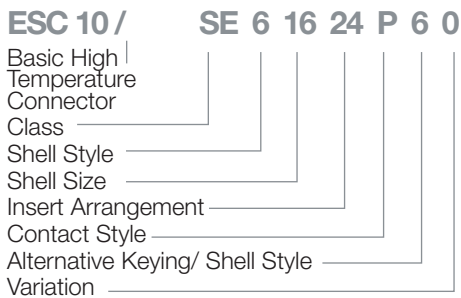
This series of connectors complies with the EN 2997 European standards, offering upgraded performance and meeting more severe specifications than MIL-C 83723 Series III type T.

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



### Class

- KE** Stainless Steel, Firewall
- SE** Same as KE with Grounding Spring
- YE** Stainless Steel Hermetic with Solderwell Contact

### Class

- KE** Stainless Steel, Firewall (260°)
- SE** Stainless Steel, Firewall (260°) with Grounding Spring
- YE** Stainless Steel Hermetic (260°C)

### Shell Style

- 0** Square Flange Receptacle with 360°C accessory teeth per MS31 55
- 1** Hermetic, Solder Mount
- 2** Hermetic, Jam Nut
- 6** Plug, non-decoupling with 360° accessory teeth per MS3155

### Shell Size

8, 10, 12, 14, 16, 18, 20, 24, 28

### Shell Style

- 0** Square Flange Receptacle
- 1** Solder Mount Receptacle (Hermetic Only)
- 6** Plug, Non-Decoupling
- 7** Jam Nut Receptacle (Hermetic Only)

### Shell Size

8, 10, 12, 14, 16, 18, 20, 24, 28

### Contact Style

- M** Standard Pin, C=#20 Pin with #18 Crimpwell
- A** Pin Insertless Contacts
- F** Standard Socket
- D** #20 Socket with #18 Crimpwell
- D** Socket Insertless Contacts

### 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

### Alternate Keying

- N** Normal, 6, 7, 8, 9, and Y



## 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](mailto:partners@proponent.com)

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