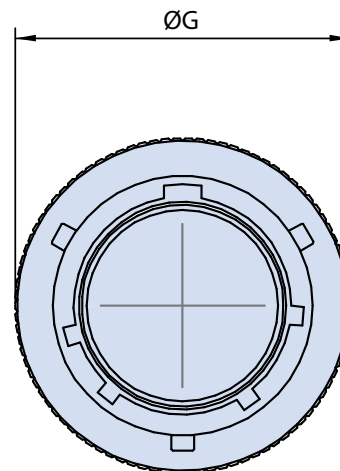
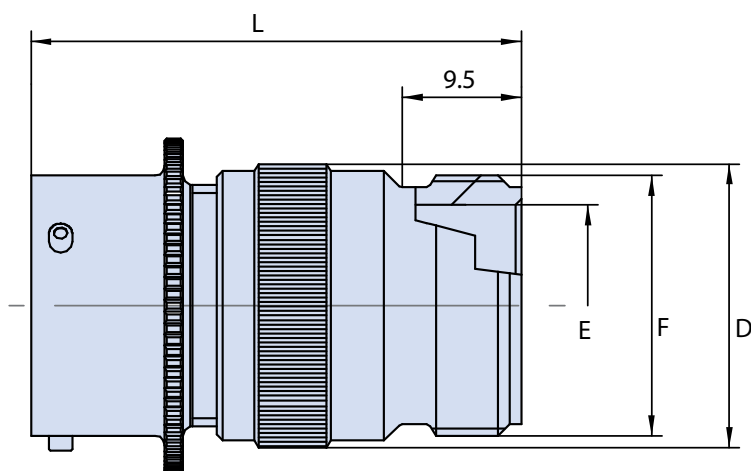
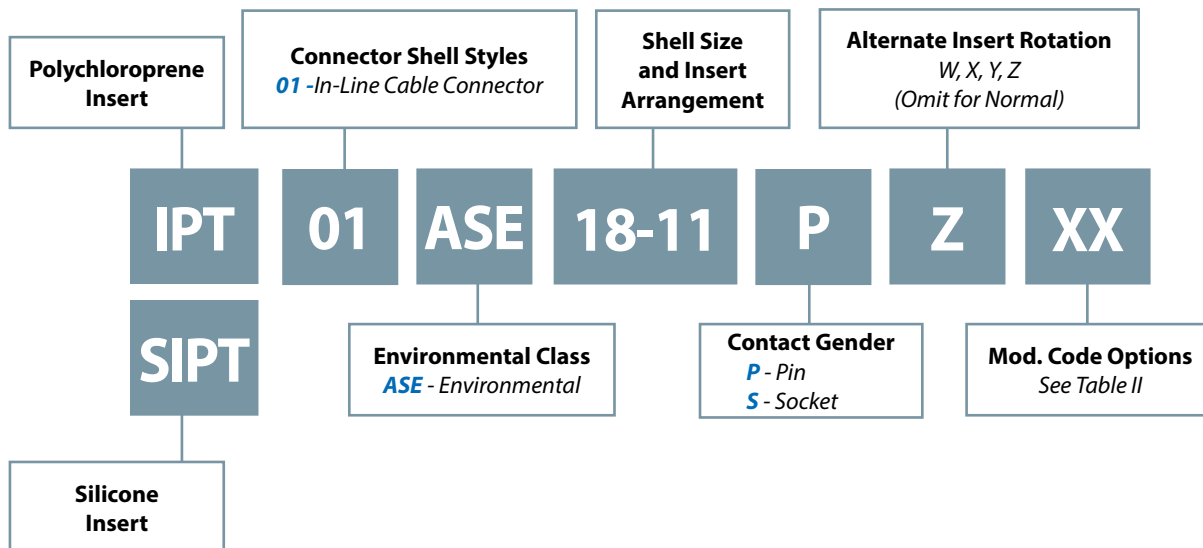


# IPT 01 ASE In-Line Cable Connector with Backshell



## Application Notes

1. In-Line cable connector, with backshell for the attachment of additional accessories.
2. Connector Class "ASE" (environmental).
3. Standard materials configuration consists of aluminum alloy with stainless steel coupling pins.
4. Standard contact material consists of copper alloy with gold plating over nickel.
5. A broad range of other front and rear connector accessories are available. See our website and/or contact factory for complete information.
6. Standard insert is high insulation synthetic rubber.

**IPT 01 ASE**  
**In-Line Cable Connector**  
 with Backshell



**TABLE I: DIMENSIONS**

| Shell size | D<br>Max. | E<br>min. | F<br>Thread in inches | ØG<br>±0.2 | L<br>Max. |
|------------|-----------|-----------|-----------------------|------------|-----------|
| 8          | 15.00     | 7.55      | .5000 - 28 UNEF       | 17.3       | 45.9      |
| 10         | 18.20     | 10.70     | .6250 - 24 UNEF       | 21.8       | 45.9      |
| 12         | 21.20     | 13.85     | .7500 - 20 UNEF       | 25.1       | 45.9      |
| 14         | 24.60     | 16.85     | .8750 - 20 UNEF       | 28.6       | 45.9      |
| 16         | 27.60     | 20.00     | 1.0000 - 20 UNEF      | 30.6       | 45.9      |
| 18         | 30.90     | 22.30     | 1.1875 - 18 UNEF      | 33.2       | 45.9      |
| 20         | 33.80     | 25.75     | 1.1875 - 18 UNEF      | 36.5       | 50.0      |
| 22         | 37.10     | 28.80     | 1.4375 - 18 UNEF      | 39.6       | 50.0      |
| 24         | 40.25     | 32.00     | 1.4375 - 18 UNEF      | 43.1       | 50.0      |

**B**

**TABLE II: MODIFICATION CODES**

| CONTACT OPTIONS                                                  |                                                        |
|------------------------------------------------------------------|--------------------------------------------------------|
| Sym                                                              | Description                                            |
| <b>B0</b>                                                        | Connector Without Contacts<br>(Only for crimp version) |
| FINISH OPTIONS                                                   |                                                        |
| Sym                                                              | Description and RoHS compliant                         |
| <b>F6</b>                                                        | Black Electrodeposited Paint                           |
| <b>F7</b>                                                        | Black Zinc Nickel                                      |
| <b>F11</b>                                                       | Electroless Nickel                                     |
| <b>MB</b>                                                        | Marine Bronze                                          |
| <b>Omit for standard version<br/>(Cadmium Olive Drab Finish)</b> |                                                        |