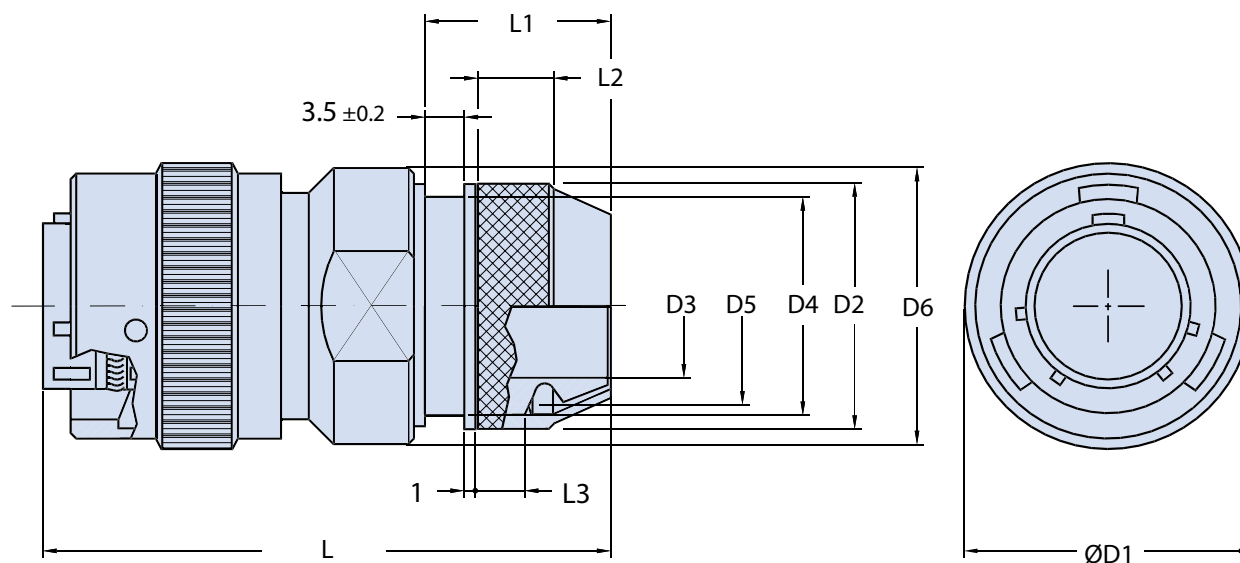
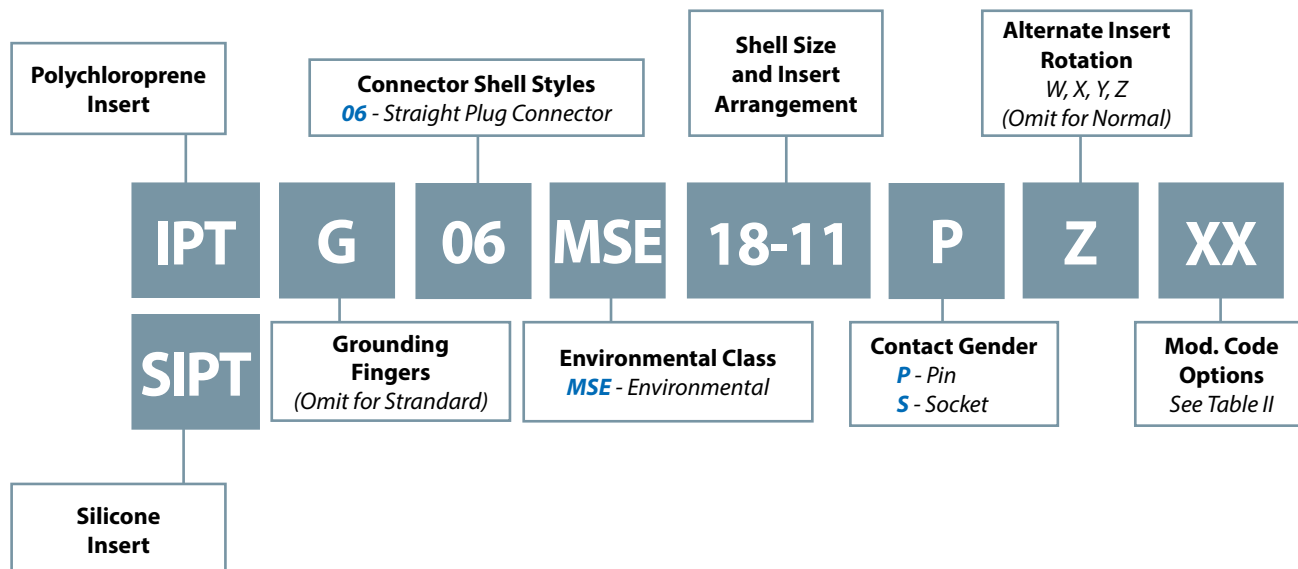


# IPT 06 MSE

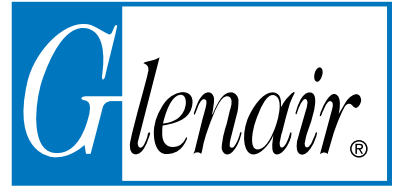
## Straight Plug Connector with Backshell Suitable for EMI Shield Termination and Heat Shrink Boot



### Application Notes

1. Straight plug connector with shrink boot backshell.
2. Connector Class "MSE" (environmental).
3. Standard materials configuration consists of aluminum alloy.
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 06 MSE**  
**Straight Plug Connector**  
 with Backshell Suitable for  
 EMI Shield Termination and Heat Shrink Boot



**TABLE I: DIMENSIONS**

| Shell size | ØD1<br>±0.2 | D2<br>+ 0.5<br>- 0 | D3<br>Min. | D4   | D5      | D6<br>Max. | L  | L1<br>+ 0<br>- 2.5 | L2<br>+1.5<br>- 0 | L3<br>Min. |
|------------|-------------|--------------------|------------|------|---------|------------|----|--------------------|-------------------|------------|
| 8          | 18.10       | 16                 | 6.6        | 13.5 | M14 x 1 | 20         | 55 | 17                 | 5                 | 4          |
| 10         | 21.05       | 18                 | 9.2        | 16.0 | M16 x 1 | 23         | 55 | 17                 | 5                 | 4          |
| 12         | 25.15       | 22                 | 12.2       | 20.0 | M20 x 1 | 27         | 55 | 17                 | 7                 | 5          |
| 14         | 28.40       | 25                 | 15.2       | 22.0 | M23 x 1 | 30         | 56 | 18                 | 8                 | 6          |
| 16         | 31.60       | 28                 | 18.3       | 26.0 | M26 x 1 | 33         | 56 | 18                 | 8                 | 6          |
| 18         | 35.00       | 32                 | 20.0       | 28.2 | M30 x 1 | 36         | 56 | 18                 | 10                | 6          |
| 20         | 37.70       | 34                 | 23.0       | 30.5 | M32 x 1 | 40         | 60 | 18                 | 10                | 6          |
| 22         | 40.20       | 38                 | 26.0       | 34.5 | M36 x 1 | 43         | 60 | 18                 | 10                | 6          |
| 24         | 44.00       | 41                 | 28.8       | 37.2 | M39 x 1 | 46         | 62 | 18                 | 10                | 6          |

**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>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> |                                                        |