



MIL-DTL-26482 MS3116E-12-10S Female Straight Plug,  
No.12 Shell 10Pin, PT06E-12-10S

Part Number:

**PT06E-12-10S**

### basic\_information

|                     |                        |
|---------------------|------------------------|
| series              | MIL-DTL-26482 Series I |
| connector_type      | Plug                   |
| orientation         | Straight               |
| contact_type        | Female                 |
| number_of_positions | 10                     |
| shell_size          | 12                     |
| fastening_type      | Bayonet                |
| mount_type          | Cable                  |
| mount_feature       | Straight               |
| contact_termination | Solder                 |

### material\_specification

|                     |                    |
|---------------------|--------------------|
| wire_gauge          | 20,22,24AWG        |
| shell_material      | Aluminum Alloy     |
| shell_finish        | Cadmium olive drab |
| insulation_material | PPS                |
| contact_material    | Copper Alloy       |
| contact_finish      | Gold               |
| shell_color         | Olive Drab         |

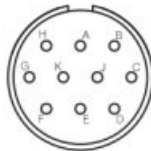
### environmental\_specification

|                       |                 |
|-----------------------|-----------------|
| protection_rating     | IP67            |
| operating_temperature | -55°C to +125°C |

electronic\_specification

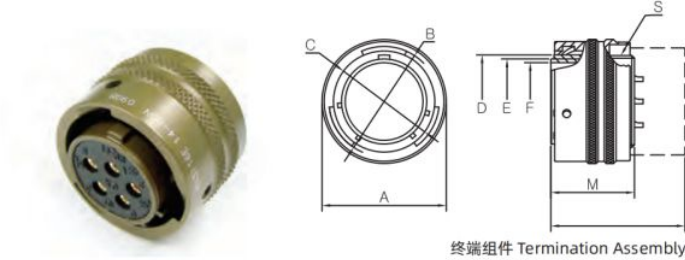
|               |                 |
|---------------|-----------------|
| shielding     | Shield          |
| rated_current | 7.5A            |
| rated_voltage | AC:600V DC:850V |

contact\_layout\_image



size

系列MS3116等级A, E, F, J & P  
MS3116 Class A, E, F, J & P  
直式插头  
Straight plug



| 外壳号尺寸<br>Shell Size | Φ A<br>max | Φ B<br>+0.13 ~ -0.15 | Φ C<br>+0.13 ~ -0.03 | Φ D<br>+0.13 ~ -0.15 | Φ E<br>+0.03 ~ -0.13 | Φ F<br>min | M<br>±0.13 | S<br>THD-2A   |
|---------------------|------------|----------------------|----------------------|----------------------|----------------------|------------|------------|---------------|
| 8                   | 19.86      | 14.63                | 12.22                | 10.11                | 9.07                 | 7.42       | 21.10      | 7/16-28UNEF   |
| 10                  | 23.52      | 17.70                | 15.23                | 13.36                | 12.32                | 10.39      | 21.10      | 9/16-24UNEF   |
| 12                  | 26.49      | 22.12                | 19.33                | 17.14                | 15.17                | 13.28      | 21.10      | 11/16-24UNEF  |
| 14                  | 30.05      | 25.27                | 22.48                | 20.32                | 18.34                | 16.46      | 21.10      | 13/16-20UNEF  |
| 16                  | 33.15      | 28.45                | 25.65                | 23.49                | 21.52                | 19.61      | 21.10      | 15/16-20UNEF  |
| 18                  | 35.33      | 31.62                | 28.85                | 26.03                | 24.06                | 21.89      | 21.10      | 1 1/16-18UNEF |
| 20                  | 38.89      | 34.80                | 32.00                | 29.21                | 27.23                | 25.07      | 24.90      | 1 3/16-18UNEF |
| 22                  | 42.06      | 37.97                | 35.18                | 32.39                | 30.41                | 28.22      | 24.90      | 1 5/16-18UNEF |
| 24                  | 45.13      | 41.25                | 38.35                | 35.56                | 33.58                | 31.42      | 26.40      | 1 7/16-18UNEF |

Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.