NSN 5935-01-163-8970

Electrical Plug Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-163-8970

| Thread Class: |
|---|
| 2b |
| Thread Direction: |
| Right-hand |
| Body Style: |
| Angle shape w/cable clamp |
| Overall Length: |
| 1.953 inches |
| Overall Height: |
| 1.812 inches |
| Overall Diameter: |
| 1.375 inches |
| Body Angle In Deg: |
| 90.0 |
| Environmental Protection: |
| Moisture resistant and salt water resistant and solvent resistant and thermal shock resistant and vibration resistant |
| Cable Entrance Diameter: |
| 0.531 inches |
| Threaded Device Type: |
| Coupling facility |
| Mating End Quantity: |
| 1 |
| Contact Position Arrangement Style: |
| 19-20 single mating end |
| Contact Removability: |
| Removable single mating end all contact groupings |
| Contact Maximum Current Rating In Amps: |
| 7.5 single mating end all contact groupings |
| Contact Maximum Ac Voltage Rating In Volts: |
| 2400.0 single mating end 1st contact grouping |
| Polarization Method: |
| Keyway or multiple keyway |
| Insert Position In Deg: |
| 280.0 |
| Shell Type: |
| Solid |
| Connector Locking Method: |
| Internally threaded coupling nut |
| Connector Cable Strain Relief Method: |
| Cable clamp |
| Thready Qty Per Inch (tpi): |

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| Thread Size: |
|---|
| 1.188 inches |
| Terminal Location: |
| Back single mating end all contact groupings |
| Contact Material: |
| Copper alloy single mating end all contact groupings |
| Contact Surface Treatment: |
| Gold single mating end all contact groupings and silver single mating end all contact groupings |
| Insert Material: |
| Plastic polyamide single mating end |
| Terminal Type: |
| Crimp single mating end all contact groupings |
| Shell Material: |
| Aluminum alloy |
| Shell Surface Treatment: |
| Cadmium and chromate |
| Included Contact Quantity: |
| 3 single mating end 1st contact grouping |
| Included Contact Type: |
| Round socket single mating end all contact groupings |
| Precious Material And Location: |
| Contact surfaces gold and contact surfaces silver |
| Precious Material And Weight: |
| 0.020 gold grains, troy and 0.020 silver grains, troy |
| Precious Material: |
| Gold and silver |
| Thread Series Designator: |
| Special acme |
| Shelf Life: |
| N/a |
| Unit Of Measure: |
| |
| Demilitarization: |
| No |
| Fiig: |
| A039b0 |
| |
| |