NSN 5935-00-617-6970

Electrical Plug Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-617-6970

Thread Class:
2a and 2b
Thread Direction:
Right-hand
Body Style:
Angle shape, w/o cable clamp
Overall Diameter:
1.969 inches
Body Angle In Deg:
90.0
Threaded Device Type:
Back shell and coupling facility
Mating End Quantity:
1
Contact Position Arrangement Style:
28-11 single mating end
Contact Removability:
Nonremovable single mating end all contact groupings
Contact Maximum Current Rating In Amps:
41.0 single mating end 2nd contact grouping
Contact Maximum Ac Voltage Rating In Volts:
500.0 single mating end all contact groupings
Contact Maximum Dc Voltage Rating In Volts:
700.0 single mating end all contact groupings
Polarization Method:
Key, multiple key groove
Insert Position In Deg:
80.0
Shell Type:
Solid
Connector Locking Method:
Internally threaded coupling ring
Distance From Centerline To Connector End:
2.688 inches
Distance From Centerline To Cable End:
1.562 inches
Thread Length:
0.375 inches and 0.719 inches
Thready Qty Per Inch (tpi):
18
Thread Size:

1.438 inches and 1.750 inches

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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 copper single mating end all contact groupings
Terminal Type:
Solder well single mating end all contact groupings
Shell Material:
Aluminum alloy
Shell Surface Treatment:
Cadmium and chromium
Included Contact Quantity:
4 single mating end 2nd contact grouping
Included Contact Type:
Round socket single mating end all contact groupings
Precious Material And Location:
Contact surfaces gold
Precious Material And Weight:
0.038 gold grains, troy
Precious Material:
Gold
Thread Series Designator:
Unef and uns
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig: