## NSN 5935-01-480-2014

Electrical Plug Connector - Page 1 of 2



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Thread Class:
2b
Thread Direction:
Right-hand
Body Style:
Straight shape, internal coupling w/strain relief
Body Length:
3.188 inches
Overall Diameter:
2.143 inches
Environmental Protection:
Moisture resistant and corrosion resistant and thermal shock resistant and vibration resistant and heat resistant and cold resistant
Cable Entrance Diameter:
Between 0.643 inches and 1.081 inches
Threaded Device Type:
Coupling facility
Mating End Quantity:
1
Contact Position Arrangement Style:
29-121 single mating end
Contact Removability:
Removable single mating end single contact grouping
Polarization Method:
Key, multiple key groove
Insert Position In Deg:
0.0 and 49.0 and 169.0 and 200.0 and 244.0
Shell Type:
Solid
Connector Locking Method:
Internally threaded coupling ring
Connector Cable Strain Relief Method:
Cable clamp
Thready Qty Per Inch (tpi):
10
Thread Size:
1.812 inches
Terminal Location:
Back single mating end single contact grouping
Contact Material:
Copper alloy single mating end single contact grouping

Gold single mating end single contact grouping

**Contact Surface Treatment:** 

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Insert Material:	
Plastic fluorosilicone single mating end	
Criticality Code Justification:	
Feat	
Terminal Type:	
Crimp single mating end single contact grouping	
Shell Material:	
Aluminum	
Shell Surface Treatment:	
Cadmium and chromate and nickel	
Included Contact Quantity:	
121 single mating end single contact grouping	
Included Contact Type:	
Round pin single mating end single contact grouping	
Special Features:	
20-20 wire size pin contacts in lieu of 20-22	
Precious Material And Location:	
Contact surfaces gold	
Precious Material:	
Gold	
Test Data Document:	
81349-mil-c-28840 specification (includes engineering type bulletins, brochures, etc., that refle	ect specification type data in specification
format; excludes commercial catalogs, industry directories, and similar trade publications, re	flecting general type data on certain
environmental and performance requirements and test conditions that are shown as "typical",	"average", "", etc.).
Thread Series Designator:	
Double stub	
Specification Data:	
81349-mil-c-28840/17 government specification	
Shelf Life:	
N/a	
Unit Of Measure:	
Demilitarization:	
No	
Fiig:	
A039b0	