NSN 5935-01-315-4391

Thread Class:

Electrical Receptacle Connector - Page 1 of 3



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2a and 2b
Thread Direction:
Right-hand
Body Style:
Straight shape
Overall Length:
0.874 inches
Overall Height:
1.797 inches
Overall Width:
3.734 inches
Environmental Protection:
Humidity resistant and shock resistant and thermal shock resistant and vibration resistant
Unthreaded Mounting Hole Diameter:
Between 0.123 inches and 0.128 inches
Center To Center Distance Between Mounting Facilities Parallel To Height:
Between 0.761 inches and 0.771 inches
Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:
Between 3.417 inches and 3.427 inches
Distance From Mounting Shoulder To Front Face:
0.812 inches
Threaded Device Type:
Coupling facility
Mating End Quantity:
1
Contact Position Arrangement Style:
75 single mating end
Contact Removability:
Removable single mating end single contact grouping
Contact Maximum Current Rating In Amps:
7.5 single mating end single contact grouping
Polarization Method:
Jackscrew and shell
Shell Type:
Solid
Connector Locking Method:
Jackscrew-socket
Operating Tempurature Rating:
Between -55.0 degrees celsius and 125.0 degrees celsius
Thready Qty Per Inch (tpi):

NSN 5935-01-315-4391

Electrical Receptacle Connector - Page 2 of 3



Thread Size:

0.086 inches

Terminal Location:

Back single mating end single contact grouping

Contact Material:

Copper alloy single mating end single contact grouping

Contact Surface Treatment:

Gold single mating end single contact grouping and nickel single mating end single contact grouping

Insert Material:

Plastic diallyl phthalate glass filled single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type 2, grade c, cl 1 military specification 1st treatment response single mating end single contact grouping and qq-n-290 federal specification 2nd treatment response single mating end single contact grouping

Terminal Type:

Crimp single mating end single contact grouping

Contact Material Specification:

Qq-c-530 federal specification single material response single mating end single contact grouping or qq-c-533 federal specification single material response single mating end single contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Anodize

Shell Surface Treatment Specification:

Mil-a-8625, type 1 or type 2 military specification single treatment response

Shell Material Specification:

Qq-a-250/8, temper 0 federal specification single material response or qq-a-250/1, temper h12 federal specification single material response

Insert Material Specification:

Mil-m-14, ty sdg-f military specification single material response single mating end or mil-p-19833, ty gdi-30f military specification single material response single mating end

Shell Guide Type And Location Designator:

A pin

Unable To Decode:

Unable to decode and unable to decode

Included Contact Quantity:

75 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

Special Features:

Jackscrew type-male and location-right handandjackscrew type-female and location-left hand

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.075 gold grains, troy

Precious Material:

Gold

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NSN 5935-01-315-4391

Electrical Receptacle Connector - Page 3 of 3



Inread Series Designator:
Unc
Specification Data:
81349-mil-c-28748/3 government specification
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A039b0
Mil-std (military Standard):

Mil-g-45204 spec.