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Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-129-9286

Thread Class:
2a
Thread Direction:
Right-hand
Body Style:
Straight type
Overall Length:
3.400 inches
Overall Height:
0.678 inches
Overall Width:
0.340 inches
Environmental Protection:
Humidity resistant and salt water resistant and shock resistant and vibration resistant
Distance Between Mounting Facility Centers:
3.100 inches
Threaded Device Type:
Mounting stud
Mating End Quantity:
1
Contact Position Arrangement Style:
2 rows of contacts non-inserted board single mating end
Contact Removability:
Nonremovable single mating end single contact grouping
Contact Maximum Current Rating In Amps:
5.0 single mating end single contact grouping
Polarization Method:
2 polarization posts
End Application:
4helicopter, seahawk, h-60; helicopter, advance attack; helicopter, carrier based asw; helicopter, search and rescue; helicopter, usc g
wasp class lhd; laser detecting set; aircraft, tomcat f-14; f/a-18 hornet; lamps mark iii, sh-60b helicopter
Thready Qty Per Inch (tpi):
56
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:

Plastic diallyl phthalate single mating end

Insert Material:

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

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Contact Surface Treatment Specification:

Mil-g-45204, ty ii, grade d, class 1 military specification 1st treatment response single mating end single contact grouping and qq-n-290, class 2 federal specification 2nd treatment response single mating end single contact grouping

Criticality Code Justification:

Feat

Terminal Type:

Pin single mating end single contact grouping

Contact Material Specification:

Qq-b-750, comp a federal specification single material response single mating end single contact grouping

Guide Design And Location:

Hexagon shape female post right-hand at 3 oclock

Insert Material Specification:

Mil-m-14, ty sdg-f military specification single material response single mating end

Included Contact Quantity:

48 single mating end single contact grouping

Included Contact Type:

Hermaphrodite single mating end single contact grouping

Special Features:

Weapon system essential

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.048 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-55302 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Thread Series Designator:

Unc

Specification Data:

81349-mil-c-55302/92 government specification

Shelf Life:

N/a

Unit Of Measure:

__

Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.