NSN 5935-01-286-2829

Electrical Receptacle Connector - Page 1 of 2



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Thread Class:

2a

Thread Direction:

Right-hand and right-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

32.5 millimeters

Overall Diameter:

Between 55.3 millimeters and 55.9 millimeters

Distance From Mounting Shoulder To Front Face:

22.6 millimeters

Mounting Facility Thickness:

Between 1.58 millimeters and 3.20 millimeters

Threaded Device Type:

Back shell and coupling facility and mounting bushing

Mating End Quantity:

1

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

103.0 and 160.0 and 220.0 and 294.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thready Qty Per Inch (tpi):

10

Thread Size:

34.0 millimeters and 1.500 inches and 41.0 millimeters

Thread Pitch In Millimeters:

1.00 and 1.00

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

Contact Surface Treatment Specification:

Mil-g-45204 military specification single treatment response single mating end single contact grouping

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Electrical Receptacle Connector - Page 2 of 2



Shell Material: Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Octp-416 Idedral specification single treatment response Thread Tolerance Class: 6g external and 6g external Included Contact Quantity: 83 single mating end single contact grouping Bushing Accommodation Hole Shape: Round w/double flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.053 gold grains, troy Precious Material And Weight: Gold Test Data Document: 81349-40d-c-38999 specification (includes engineering type builletins, 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: Iso m and special acme and iso m Specification Data: 81349-30d-c-3899974 government specification Shelf Life: Na Unit Of Measure: — Demilitarization: No Filig: A03900 Mil-std (military Standard):	Terminal Type:
Aluminum alloy Shell Surface Treatment: Cadminum Shell Surface Treatment Specification: Qq-p-416 federal specification single treatment response Thread Tolerance Class: 6g external and 6g external Included Contact Quantity: 33 single mating end single contact grouping Bushing Accommodation Hole Shape: Round widouble flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.053 gold grains, troy Pracious Material And Weight: Gold Test Data Document: 81349-dod-c-38999 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: Iso m and special acme and iso m Specification Data: 81349-dod-c-38999/24 government specification Shelf Life: Na Unit of Measure:	Crimp single mating end single contact grouping
Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416 federal specification single treatment response Thread Tolerance Class: 6g external and 6g external Included Contact Quantity: 53 single mating end single contact grouping Bushing Accommodation Hole Shape: Round widouble flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.053 gold grains, troy Precious Material Gold Test Data Document: 81349-dod-c-38999 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: Iso m and special acme and iso m Specification Data: 81349-dod-c-38999/24 government specification Shelf Life: N/a Unit Of Measure:	Shell Material:
Shell Surface Treatment Specification: Qarp-416 federal specification single treatment response Thread Tolerance Class: go external and 6g external Included Contact Quantity: 53 single mating end single contact grouping Bushing Accommodation Hole Shape: Round widouble flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.053 gold grains, troy Precious Material: Gold Test Data Document: 81349-dod-c-38999 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: Is on and special acme and is on Specification Data: 81349-dod-c-38999/24 government specification Shelf Life: N/a Unit of Measure:	Aluminum alloy
Shell Surface Treatment Specification: Qq-p-416 federal specification single treatment response Thread Tolerance Class: 6g external and 6g external Included Contact Quantity: 53 single mating end single contact grouping Bushing Accommodation Hole Shape: Round widouble flat Included Contact Type: Round swidouble flat Included Contact Type: Round swidouble flat Included Contact Type: Round swidouble flat Included Contact Type: Contact surfaces gold Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.053 gold grains, troy Precious Material: Gold Test Data Document: 81349-dod-c-38999 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: Is on and special acme and iso m Specification Data: 81349-dod-c-38999/24 government specification Shelf Life: Na Unit Of Measure:	Shell Surface Treatment:
Qq-p-416 federal specification single treatment response Thread Tolerance Class: 6g external and 6g external Included Contact Quantity: 53 single mating end single contact grouping Bushing Accommodation Hole Shape: Round widouble flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.053 gold grains, troy Precious Material: Gold Test Data Document: 81349-dod-c-38999 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: Iso on and special acme and iso on Specification Data: 18 1349-dod-c-38999/24 government specification Sheft Life: No Publication: No Pilig: A039b0 Mil-std (military Standard):	Cadmium
Thread Tolerance Class: 6g external and 6g external Included Contact Quantity: 53 single mating end single contact grouping Bushing Accommodation Hole Shape: Round w/double flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.053 gold grains, troy Precious Material Bi349-dod-c-38999 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: Iso m and special acme and iso m Specification Data: Bi349-dod-c-38999/24 government specification Sheft Life: N/a Unit of Measure: Demilitarization: No Fig: A039b0 Mil-std (military Standard):	Shell Surface Treatment Specification:
Included Contact Quantity: 53 single mating end single contact grouping Bushing Accommodation Hole Shape: Round Widouble flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.053 gold grains, troy Precious Material: 60Id Test Data Document: 81349-dod-c-38999 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: Iso m and special acme and iso m Specification Data: 81349-dod-c-38999/24 government specification Shelf Life: N/a Unit Of Measure:	Qq-p-416 federal specification single treatment response
Included Contact Quantity: 53 single mating end single contact grouping Bushing Accommodation Hole Shape: Round widouble flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.053 gold grains, troy Precious Material: Gold Test Data Document: 81349-dod-c-38999 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: Iso m and special acme and iso m Specification Data: 81349-dod-c-38999/24 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig: A03950 Mil-std (military Standard):	Thread Tolerance Class:
Bushing Accommodation Hole Shape: Round w/double flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.053 gold grains, troy Precious Material: Gold Test Data Document: 81349-dod-c-38999 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: Iso m and special acme and iso m Specification Data: 81349-dod-c-38999/24 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Filig: A039b0 Mil-std (military Standard):	6g external and 6g external
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Gold Test Data Document: 81349-dod-c-38999 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: Iso m and special acme and iso m Specification Data: 81349-dod-c-38999/24 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	0.053 gold grains, troy
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81349-dod-c-38999 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: Iso m and special acme and iso m Specification Data: 81349-dod-c-38999/24 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Gold
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Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Shelf Life:
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Fiig: A039b0 Mil-std (military Standard):	Demilitarization:
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