## NSN 5935-01-033-5327

Electrical Receptacle Connector - Page 1 of 2



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**Thread Class:** 

2a and 2a

**Thread Direction:** 

Right-hand and right-hand

**Body Style:** 

Straight shape, external coupling

**Overall Length:** 

Between 1.275 inches and 1.340 inches

**Overall Diameter:** 

Between 1.506 inches and 1.526 inches

**Environmental Protection:** 

Pressure proof and salt water resistant and vibration resistant

**Distance From Mounting Shoulder To Front Face:** 

Between 0.770 inches and 0.778 inches

**Mounting Facility Thickness:** 

0.125 inches

**Threaded Device Type:** 

Back shell and mounting bushing

**Mating End Quantity:** 

1

**Contact Position Arrangement Style:** 

16-55 single mating end

**Contact Removability:** 

Removable single mating end single contact grouping

**Polarization Method:** 

Keyway or multiple keyway

**Insert Position In Deg:** 

298.0 and 215.0 and 180.0 and 80.0

Shell Type:

Solid

**Connector Locking Method:** 

Bayonet pin

Thready Qty Per Inch (tpi):

28 and 20

**Thread Size:** 

1.000 inches and 1.125 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

## NSN 5935-01-033-5327

Electrical Receptacle Connector - Page 2 of 2



Crimp single mating end single contact grouping Shell Material: Aluminum alloy 6061 Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-a-416, type 2, c1 a federal specification single treatment response Shell Material Specification: Qq-a-367, 16 federal specification single material response Included Contact Quantity: Ss single mating end single contact grouping Bushing Accommodation Hole Shape: Round willat Included Contact Type: Round willat Included Contact Type: Round swaterial And Location: Contact surfaces gold Preclous Material And Weight: O.055 gold grains, troy Preclous Material And Weight: O.055 gold grains, troy Preclous Material And Evertication (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: Un and un Specification Data: 81349-mil-c-81511/3 government specification Shelf Life: No Unit Of Measure: Demilitarization: No Flig: A03950	Terminal Type:
Abuninum alloy 6061  Shell Surface Treatment: Cadmium  Cap-416, type 2, cl 3 foderal specification single treatment response Shell Material Specification: Cq-9-437, 16 federal specification single material response Included Contact Quantity: Sis single mating end single contact grouping Bushing Accommodation Hole Shape: Round wiflat Included Contact Type: Round wiflat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.055 gold grains, troy Precious Material And Weight: Gold Test Data Document: 81349-mill-241511 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: Un and un Specification Data: 81349-mill-241511/3 government specification Sheft Life: N/a Unit Of Measure:	Crimp single mating end single contact grouping
Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Shell Material Specification: Qq-a-367, it federal specification single material response Included Contact Quantity: 55 single mating end single contact grouping Bushing Accommodation Hole Shape: Round writat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.055 gold grains, troy Precious Material Sold Test Data Document: 81349-mile-81511 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: Un and un Specification Data: 81349-mile-81511/3 government specification Shelf Life: N/a Unit Of Measure:	Shell Material:
Cadmium  Shell Surface Treatment Specification:  Qr-p-416, type 2, cl 3 federal specification single treatment response  Shell Material Specification:  Qr-a-367, 16 federal specification single material response  Included Contact Quantity:  55 single mating end single contact grouping  Bushing Accommodation Hole Shape:  Round wiffat  Included Contact Type:  Round socket single mating end single contact grouping  Preclous Material And Location:  Contact surfaces gold  Preclous Material And Weight:  0.055 gold grains, troy  Preclous Material:  Gold  Test Data Document:  81349-mil-c-81511 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:  In and un  Specification Data:  81349-mil-c-81511/3 government specification  Shelf Life:  Na  Unit Of Measure:  — Demilitarization:  No  Fig:	Aluminum alloy 6061
Shell Surface Treatment Specification:  Qq-p-416, type 2, cl 3 federal specification single treatment response  Shell Material Specification:  Qq-a-367, t6 federal specification single material response  Included Contact Quantity: 55 single mating end single contact grouping  Bushing Accommodation Hole Shape:  Round w/flat  Included Contact Type:  Round socket single mating end single contact grouping  Precious Material And Location:  Contact surfaces gold  Precious Material And Weight:  0.055 gold grains, troy  Precious Material:  60dd  Test Data Document:  81349-mil-c-81511 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:  Un and un  Specification Data:  81349-mil-c-81511/3 government specification  Shelf Life:  Na  Unit Of Measure:   Demilitarization:  No  Fig:	Shell Surface Treatment:
Qq-p-416, type 2, cl 3 federal specification single treatment response  Shell Material Specification:  Qq-a-367, t6 federal specification single material response Included Contact Quantity:  55 single mating end single contact grouping  Bushing Accommodation Hole Shape:  Round w/flat Included Contact Type:  Round socket single mating end single contact grouping  Precious Material And Location:  Contact surfaces gold  Precious Material And Weight:  0.055 gold grains, troy  Precious Material:  Gold  Test Data Document:  81349-mill-c-81511 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:  Un and un  Specification Data:  81349-mill-c-81511/3 government specification  Shelf Life:  N/a  Unit Of Measure:  Demilitarization:  No  Flig:	Cadmium
Shell Material Specification: Qq-a-367, 16 federal specification single material response Included Contact Quantity: 55 single mating end single contact grouping Bushing Accommodation Hole Shape: Round w/flat Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.055 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-81511 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: Un and un Specification Data: 81349-mil-c-81511/3 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fig:	Shell Surface Treatment Specification:
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Unit Of Measure: Demilitarization: No Fiig:	Shelf Life:
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