## NSN 5935-01-253-3347

Electrical Plug Connector - Page 1 of 2



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**Thread Class:** 2b **Thread Direction:** Right-hand and right-hand **Body Style:** Straight shape, internal coupling **Overall Length:** 33.2 millimeters **Overall Diameter:** 48.0 millimeters **Threaded Device Type:** Back shell and coupling facility **Mating End Quantity: Contact Position Arrangement Style:** 24-19 single mating end **Contact Removability:** Removable single mating end single contact grouping **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 66.0 and 140.0 and 200.0 and 257.0 Shell Type: Solid **Connector Locking Method:** Internally threaded coupling ring Thready Qty Per Inch (tpi): 10 **Thread Size:** 37.0 millimeters and 1.625 inches **Thread Pitch In Millimeters:** 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

Terminal Type:

Crimp single mating end single contact grouping

## **NSN 5935-01-253-3347**Electrical Plug Connector - Page 2 of 2



Aluminum alloy  Shell Surface Treatment: Cadmium  Shell Surface Treatment Specification: Qq-p-416 federal specification single treatment response Thread Tolerance Class: 6g external Included Contact Quantity: 19 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Special Features: 25-19 insert configuration Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.019 gold grains, troy Precious Material And Weight: Gold Tost Data Document: 81349-dod-o-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 Specification Data: 81349-dod-o-38999/26 government specification Shelf Life: N/a Unit of Measure:	
Shell Surface Treatment: Cadmium Shell Surface Treatment Specification:  Qq-p-416 [dederal specification single treatment response Thread Tolerance Class: 6g external Included Contact Quantity: 19 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Special Features: 25-19 insert configuration Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.019 gold grains, troy Precious Material: Gold Tosts 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 Specification Data: 81349-dod-c-38999/26 government specification Shelf Life: No Unit Of Measure: Demilitarization: No Filig: A03990 Mil-std (military Standard):	Shell Material:
Cadmium  Shell Surface Treatment Specification:  Cqrp-416 federal specification single treatment response Thread Tolerance Class: 6g external Included Contact Quantity: 19 single mating end single contact grouping Included Contact Type: Round scocket single mating end single contact grouping Special Features: 25-19 insert configuration Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.019 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 Specification Data: 81349-dod-c-38999/26 government specification Shelf Life: N/a Unit of Measure: Demilitarization: No Fig: A03990 Mil-std (military Standard):	Aluminum alloy
Shell Surface Treatment Specification:  Qq-p-416 federal specification single treatment response Thread Tolerance Class:  gg external Included Contact Quantity: 19 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Special Features: 25-19 insert configuration Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.019 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 Specification Data: 81349-dod-c-38999/26 government specification Shelf Life: Na Unit of Measure: — Demilitarization: No Fig: A039b0 Mil-std (military Standard):	Shell Surface Treatment:
Qq-p-416 federal specification single treatment response Thread Tolerance Class: 8g external Included Contact Quantity: 19 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Special Features: 25-19 insert configuration Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.019 gold grains, troy Precious Material: Gold Test Data Document: 81349-dot-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 Specification Data: 18149-dot-c-38999/26 government specification Sheft Life: N/a Unit Of Measure: Demilitarization: No Fig: A039b0 Mil-std (military Standard):	Cadmium
Thread Tolerance Class: 6g external Included Contact Quantity: 19 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Special Features: 25-19 insert configuration Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.019 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 Specification Data: 81349-dod-c-38999/26 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Filig: A039b0 Mil-std (military Standard):	Shell Surface Treatment Specification:
Included Contact Quantity:  19 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Special Features:  25-19 insert configuration Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.019 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 on and special acme Specification Data: 81349-dod-c-38999/26 government specification Shelf Life: N/a Unit Of Measure:	Qq-p-416 federal specification single treatment response
Included Contact Quantity:  19 single mating end single contact grouping  Included Contact Type:  Round socket single mating end single contact grouping  Special Features:  25-19 insert configuration  Precious Material And Location:  Contact surfaces gold  Precious Material And Weight:  0.019 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  Specification Data:  81349-dod-c-38999/26 government specification  Shelf Life:  N/a  Unit Of Measure:  Demilitarization:  No  Fitig:  A039b0  Mil-std (military Standard):	Thread Tolerance Class:
19 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Special Features: 25-19 insert configuration Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.019 gold grains, troy Precious Material: Gold Test Data Document: 81349-9dod-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 Specification Data: 81349-dod-c-38999/26 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Filig: A03950 Mil-std (military Standard):	6g external
Included Contact Type:  Round socket single mating end single contact grouping  Special Features: 25-19 insert configuration  Precious Material And Location: Contact surfaces gold  Precious Material: 0.019 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  Specification Data: 81349-dod-c-38999/26 government specification  Shelf Life: N/a  Unit Of Measure:   Demilitarization: No  Flig: A039b0  Mil-std (military Standard):	Included Contact Quantity:
Round socket single mating end single contact grouping  Special Features: 25-19 insert configuration  Precious Material And Location: Contact surfaces gold  Precious Material And Weight: 0.019 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  Specification Data: 81349-dod-c-38999/26 government specification  Shelf Life: N/a  Unit Of Measure:  Demilitarization: No  Filg: A03950  Mil-std (military Standard):	19 single mating end single contact grouping
Special Features: 25-19 insert configuration  Precious Material And Location: Contact surfaces gold  Precious Material And Weight: 0.019 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 Specification Data: 81349-dod-c-38999/26 government specification  Shelf Life: N/a  Unit Of Measure:  Demilitarization: No  Fig: A03950  Mil-std (military Standard):	Included Contact Type:
25-19 insert configuration  Precious Material And Location: Contact surfaces gold  Precious Material And Weight: 0.019 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  Specification Data: 81349-dod-c-38999/26 government specification  Shelf Life: Na  Unit Of Measure:   Demilitarization: No  Fiig: A039b0  Mil-std (military Standard):	Round socket single mating end single contact grouping
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Contact surfaces gold  Precious Material And Weight:  0.019 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  Specification Data:  81349-dod-c-38999/26 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:  A039b0  Mil-std (military Standard):	25-19 insert configuration
Precious Material And Weight:  0.019 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  Specification Data:  81349-dod-c-38999/26 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:  A039b0  Mil-std (military Standard):	Precious Material And Location:
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 Specification Data: 81349-dod-c-38999/26 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Fitig: A039b0 Mil-std (military Standard):	Contact surfaces gold
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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  Specification Data:  81349-dod-c-38999/26 government specification  Shelf Life:  N/a  Unit Of Measure:   Demilitarization:  No  Fiig:  A039b0  Mil-std (military Standard):	0.019 gold grains, troy
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Specification Data: 81349-dod-c-38999/26 government specification  Shelf Life: N/a Unit Of Measure: Demilitarization: No Fiig: A039b0 Mil-std (military Standard):	Thread Series Designator:
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Mil-g-45204 spec.	Mil-std (military Standard):
	Mil-g-45204 spec.