

NSN 5935-01-197-4701 Electrical Plug Connector - Page 1 of 2 View Online at https://aerobasegroup.com/nsn/5935-01-197-4701 **Thread Class:** 2a and 2b **Thread Direction:** Right-hand and right-hand **Body Style:** Straight shape, internal coupling w/backshell **Overall Length:** 2.031 inches **Overall Diameter:** 1.358 inches **Environmental Protection:** Moisture proof and salt water resistant and vibration proof **Threaded Device Type:** Back shell and coupling facility **Mating End Quantity: Contact Position Arrangement Style:** 14s-9 single mating end **Contact Removability:** Removable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 22.0 single mating end single contact grouping **Contact Maximum Ac Voltage Rating In Volts:** 500.0 single mating end single contact grouping **Contact Maximum Dc Voltage Rating In Volts:** 700.0 single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Internally threaded coupling ring

End Application:

1520-01-125-5476

Thread Length:

0.290 inches and 0.414 inches

Thready Qty Per Inch (tpi):

20 and 20

Thread Size:

0.875 inches and 0.875 inches

NSN 5935-01-197-4701

Electrical Plug Connector - Page 2 of 2



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 Insert Material: Rubber silicone class q single mating end 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 Shell Material: Metal ferrous Shell Material: Metal ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Proclous Material And Location: Contact surfaces gold Proclous Material And Location: Contact surfaces gold Proclous Material And Weight: 0.002 gold grains, troy Proclous Material: Gold Test Data Document: 81349-mil-c-5015 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: Unife and unef Specification Data: Specification Data: Specification Data: Specification Data: Specification Data: Specification: Unit of Measure:	
Contact Material: Copper alloy single mating end single contact grouping Contact Surface Treatment: Gold single mating end single contact grouping Insert Material: Rubber silicone class q single mating end Contact Surface Treatment Specification: Mility-q45204 military specification single treatment response single mating end single contact grouping Terminal Type: Crimp single mating end single contact grouping Shell Material: Metal ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material and Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 13434-mill->5-015 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: Under and unef Specification Data: 99996-ma3459 government standard Shelf Life: No Unit Of Measure: ——Demilitarization:	Terminal Location:
Contact Surface Treatment: Gold single mating end single contact grouping Insert Material: Rubber silicone class q single mating end Contact Surface Treatment Specification: Rubber silicone class q single mating end Contact Surface Treatment Specification: Mileg-45204 military specification single treatment response single mating end single contact grouping Terminal Type: Crimp single mating end single contact grouping Shell Material: Metal ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Contact surfaces gold Precious Material And Location: Contact surfaces gold Precious Material And Weight: Onc02 gold grains, troy Precious Material And Weight: Onc02 gold grains, troy Precious Material and Promance requirements and test conditions that are shown as "typical", "average", ", etc.). Thread Series Designator: United and unef Specification Data: 96996-ms3459 government standard Shelf Life: No Unit Of Measure:	
Contact Surface Treatment: Gold single mating end single contact grouping Insert Material: Rubber silicone class q single mating end Contact Surface Treatment Specification: Mil-g-45204 military specification single treatment response single mating end single contact grouping Torminal Type: Crimp single mating end single contact grouping Shell Material: Metal forrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Trist Data Document: B1349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: — Demilitarization:	
Gold single mating end single contact grouping Insert Material: Rubber Silicone class q single mating end Contact Surface Treatment Specification: Mill-q-45204 military specification single treatment response single mating end single contact grouping Terminal Type: Crimp single mating end single contact grouping Shell Material: Metal ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material Location: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 989906-ms3459 government standard Shelf Life: N/a Unit Of Measure: — Demilitarization:	Copper alloy single mating end single contact grouping
Insert Material: Rubber silicone class q single mating end Contact Surface Treatment Specification: Miling-45204 military specification single treatment response single mating end single contact grouping Terminal Type: Crimp single mating end single contact grouping Shell Material: Metal ferrous Shell Material: Metal ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material And Weight: 81349-mil-c-5015 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: Under and unef Specification Data: 88896-m-3459 government standard Shell Life: N/a Unit Of Measure: — Demilitarization:	Contact Surface Treatment:
Rubber silicone class q single mating end 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 Shell Material: Metal ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material Contact Type: B1349-mil-c-5015 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: Unef and unef Specification Data: 196906-ms3459 government standard Shelf Life: N/a Unit Of Measure:	Gold single mating end single contact grouping
Contact Surface Treatment Specification: Mil-g-45204 millitary specification single treatment response single mating end single contact grouping Terminal Type: Crimp single mating end single contact grouping Shell Material: Metal ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 22 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: O.002 gold grains, troy Precious Material: Gold Test Data Document: 81:349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure:	Insert Material:
Mil-q-45204 military specification single treatment response single mating end single contact grouping Terminal Type: Crimp single mating end single contact grouping Shell Material: Metal ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 98906-ms3459 government standard Shelf Life: N/a Unit Of Measure: — Demilitarization:	Rubber silicone class q single mating end
Terminal Type: Crimp single mating end single contact grouping Shell Material: Metal Ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure:	Contact Surface Treatment Specification:
Crimp single mating end single contact grouping Shell Material: Metal ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material And Weight: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	Mil-g-45204 military specification single treatment response single mating end single contact grouping
Shell Material: Metal ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Domilitarization:	Terminal Type:
Metal ferrous Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	Crimp single mating end single contact grouping
Shell Surface Treatment: Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure:	Shell Material:
Cadmium Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure:	Metal ferrous
Included Contact Quantity: 2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	Shell Surface Treatment:
2 single mating end single contact grouping Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	Cadmium
Included Contact Type: Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	Included Contact Quantity:
Round socket single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	2 single mating end single contact grouping
Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	Included Contact Type:
Contact surfaces gold Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	Round socket single mating end single contact grouping
Precious Material And Weight: 0.002 gold grains, troy Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure:	Precious Material And Location:
Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure:	Contact surfaces gold
Precious Material: Gold Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure:	Precious Material And Weight:
Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	0.002 gold grains, troy
Test Data Document: 81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	Precious Material:
81349-mil-c-5015 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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	Gold
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: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure:	Test Data Document:
environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). Thread Series Designator: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	81349-mil-c-5015 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification
Thread Series Designator: Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain
Unef and unef Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).
Specification Data: 96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	Thread Series Designator:
96906-ms3459 government standard Shelf Life: N/a Unit Of Measure: Demilitarization:	Unef and unef
Shelf Life: N/a Unit Of Measure: Demilitarization:	Specification Data:
N/a Unit Of Measure: Demilitarization:	96906-ms3459 government standard
Unit Of Measure: Demilitarization:	Shelf Life:
 Demilitarization:	N/a
	Unit Of Measure:
	
No.	Demilitarization:
NO	No

Mil-g-45204 spec.

Mil-std (military Standard):

Fiig: A039b0