

NSN 5935-01-006-7804 Electrical Receptacle Connector - Page 1 of 2 View Online at https://aerobasegroup.com/nsn/5935-01-006-7804 **Thread Class:** 2a and 2a **Thread Direction:** Right-hand and right-hand **Body Style:** Straight shape, external coupling **Overall Length:** Between 1.406 inches and 1.471 inches **Overall Diameter:** Between 1.725 inches and 1.745 inches **Environmental Protection:** Pressure proof and moisture resistant and vibration resistant **Distance From Mounting Shoulder To Front Face:** Between 0.894 inches and 0.906 inches **Mounting Facility Thickness:** 0.125 inches **Threaded Device Type:** Back shell and mounting bushing **Mating End Quantity: Contact Removability:** Removable single mating end single contact grouping **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 0.0 Shell Type: Solid **Connector Locking Method:** 

Bayonet pin

Thready Qty Per Inch (tpi):

28 and 20

**Thread Size:** 

1.125 inches and 1.250 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

**Contact Surface Treatment Specification:** 

Mil-g-45204, type 1, class 1 military specification single treatment response single mating end single contact grouping

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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-p-416, type 2, cl 3 federal specification single treatment response Shell Material Specification: Qq-p-416, type 2, cl 3 federal specification single material response Included Contact Quantity: 38 single mating end single contact grouping Bushing Accommodation Hole Shape: Round Included Contact Type: Round Included Contact and Location: Contact surfaces gold Precious Material And Location: Contact surfaces gold Precious Material And Weight: O.38 gold grains, troy Precious Material: Gold Trist Data Document: 81349-mil-e-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-e-81511/23 government specification Shelf Life: N/a Unit Of Measure:	Terminal Type:
Aluminum alloy 6061  Shell Surface Treatment: Cadmium  Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response  Shell Material Specification: Qq-3-367, comp 6061, 16 federal specification single material response  Included Contact Quantity: 38 single mating end single contact grouping  Bushing Accommodation Hole Shape: Round  Included Contact Type: Round Included Contact Type: Round give mating end single contact grouping  Precious Material And Location: Contact surfaces gold  Precious Material And Weight: 0.038 gold grains, troy  Precious Material And Weight: Gold  Test Data Document: Bi349-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: Bi349-mile-81511/23 government specification  Shelf Life: Na  Unit Of Measure:  Demilitarization: No  Fig: A039b0  Mil-std (military Standard):	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, comp 6061, t6 federal specification single material response Included Contact Quantity: 38 single mating end single contact grouping Bushing Accommodation Hole Shape: Round Included Contact Type: Round pin single mating and single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.038 gold grains, troy Precious Material Hole Weight: Bushing-Response Bushing-Re	Shell Material:
Cadmium  Shell Surface Treatment Specification:  Qq-p-416, type 2, cl 3 rederal specification single treatment response  Shell Material Specification:  Qq-a-367, comp 5061, to federal specification single material response  Included Contact Quantity: 38 single mating end single contact grouping  Bushing Accommodation Hole Shape: Round Included Contact Type: Round pin single mating end single contact grouping  Precious Material And Location: Contact surfaces gold  Precious Material And Weight: 0.038 gold grains, troy  Precious Material: Gold  Test Data Documen:  81349-mil-e-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-81511/23 government specification  Shelf Life: N/a  Unit of Measure:	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, comp 6061, 16 federal specification single material response Included Contact Quantity: 38 single mating end single contact grouping Bushing Accommodation Hole Shape: Round Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.038 gold grains, troy Precious Material. Gold 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-21511/23 government specification Shelf Life: Na Unit Of Measure: — Demilitarization: No Fig: A03950 Mil-std (military Standard):	Shell Surface Treatment:
Qq-p-416, type 2, cl 3 federal specification single treatment response  Shell Material Specification: Qq-a-367, comp 6061, 16 federal specification single material response Included Contact Quantity: 38 single mating end single contact grouping  Bushing Accommodation Hole Shape: Round Included Contact Type: Round pin single mating and single contact grouping  Precious Material and Location: Contact surfaces gold  Precious Material And Weight: 0.038 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-81511/23 government specification  Shelf Life: N/a  Unit of Measure:  Demilitarization: No  Fig: A039b0  Mil-std (military Standard):	Cadmium
Shell Material Specification:  Qq-a-367, comp 6061, 16 federal specification single material response Included Contact Quantity: 38 single mating end single contact grouping Bushing Accommodation Hole Shape: Round Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.038 gold grains, troy Precious Material: Gold Test Data Document: 81349-mile-281511 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-281511/23 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Filig: A03950 Mil-std (military Standard):	Shell Surface Treatment Specification:
Qq-a-367, comp 6061, t6 federal specification single material response Included Contact Quantity: 38 single mating end single contact grouping Bushing Accommodation Hole Shape: Round Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.038 gold grains, troy Precious Material And Weight: 0.038 gold grains, troy Precious Material: 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-81511/23 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Filig: A039b0 Mil-std (military Standard):	Qq-p-416, type 2, cl 3 federal specification single treatment response
Included Contact Quantity:  38 single mating end single contact grouping  Bushing Accommodation Hole Shape: Round  Included Contact Type: Round pin single mating end single contact grouping  Precious Material And Location: Contact surfaces gold  Precious Material And Weight: 0.038 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-81511/23 government specification  Shelf Life: N/a  Unit Of Measure:  Demilitarization: No  Filig: A039b0  Mil-std (military Standard):	Shell Material Specification:
Bushing Accommodation Hole Shape: Round Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold Precious Material And Weight: 0.038 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-81511/23 government specification Shelf Life: N/a Unit Of Measure: Demilitarization: No Filig: A03950 Mil-std (military Standard):	Qq-a-367, comp 6061, t6 federal specification single material response
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Unit Of Measure: Demilitarization: No Fiig: A039b0 Mii-std (military Standard):	Shelf Life:
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	Mil-g-45204 spec.