NSN 5935-00-847-5828

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-847-5828 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 1.188 inches **Overall Height:** 1.281 inches **Overall Width:** 1.281 inches **Environmental Protection:** Moisture resistant and salt water resistant and vibration resistant **Unthreaded Mounting Hole Diameter:** Between 0.115 inches and 0.130 inches Center To Center Distance Between Mounting Facilities Parallel To Height: 0.969 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 0.969 inches **Distance From Mounting Shoulder To Front Face:** Between 0.562 inches and 0.593 inches **Threaded Device Type:** Coupling facility **Mating End Quantity:** 1 **Contact Position Arrangement Style:** 16s-8 single mating end **Contact Removability:** Nonremovable 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:** 265.0 Shell Type:

Solid

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A039b0

Electrical Receptacle Connector - Page 2 of 2



Thread Size: 1.000 inches Terminal Location: Back single mating end single contact grouping Contact Surface Treatment: Gold single mating end single contact grouping and silver single mating end single contact grouping Terminal Type: Solder well single mating end single contact grouping and silver single mating end single contact grouping Terminal Type: Solder well single mating end single contact grouping Shell Material: Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qctp-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 5 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold and contact surfaces silver Precious Material And Weight: Oo05 gold grains, troy and 0.005 silver grains, troy Precious Material: Gold and silver Test Data Document: 81349-mill-c-5015 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). Thread Series Designator: Unef Specification Data:
Thread Length: 0.375 inches Thread Size: 1.000 inches Terminal Location: Back single mating end single contact grouping Contact Surface Treatment: Gold single mating end single contact grouping and silver single mating end single contact grouping Terminal Type: Solder well single mating end single contact grouping and silver single mating end single contact grouping Terminal Type: Solder well single mating end single contact grouping Shell Material: Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 5 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold and contact surfaces silver Precious Material And Weight: O.005 gold grains, troy and 0.005 silver grains, troy Precious Material: Gold and silver 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 Specification Data:
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Terminal Location: Back single mating end single contact grouping Contact Surface Treatment: Gold single mating end single contact grouping and silver single mating end single contact grouping Terminal Type: Solder well single mating end single contact grouping Shell Material: Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 5 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold and contact surfaces silver Precious Material And Location: Gontact surfaces gold and contact surfaces silver Precious Material And Weight: Gold and silver Test Data Document: B1349-mill-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 Specification Data:
Terminal Location: Back single mating end single contact grouping Contact Surface Treatment: Gold single mating end single contact grouping and silver single mating end single contact grouping Terminal Type: Solder well single mating end single contact grouping Shell Material: Aluminum alloy Shell Surface Treatment: Cadmium Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 feetal specification single treatment response Included Contact Quantity: 5 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold and contact surfaces silver Precious Material And Weight: 0.005 gold grains, troy and 0.005 silver grains, troy Precious Material: Gold and silver Test Data Document: B1349-mill-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 Specification Data:
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Contact Surface Treatment: Gold single mating end single contact grouping and silver single mating end single contact grouping Terminal Type: Solder well single mating end single contact grouping Shell Material: Altuminum alloy Shell Surface Treatment: Cadmitum Shell Surface Treatment Specification: Qq-p-416, type 2, cl 3 federal specification single treatment response Included Contact Quantity: 5 single mating end single contact grouping Included Contact Type: Round pin single mating end single contact grouping Precious Material And Location: Contact surfaces gold and contact surfaces silver Precious Material And Weight: 0.005 gold grains, troy and 0.005 silver grains, troy Precious Material. Gold and silver Test Data Document: Bai349-mill-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 Specification Data:
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Thread Series Designator: Unef Specification Data:
Unef Specification Data:
Specification Data:
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Demilitarization: No