NSN 5935-01-110-7068

Electrical Receptacle Connector - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5935-01-110-7068 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 1.662 inches **Overall Height:** 1.500 inches **Overall Width:** 1.500 inches **Environmental Protection:** Moisture proof and salt water resistant and vibration proof **Unthreaded Mounting Hole Diameter:** Between 0.115 inches and 0.130 inches Center To Center Distance Between Mounting Facilities Parallel To Height: 1.156 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 1.156 inches **Distance From Mounting Shoulder To Front Face:** Between 0.750 inches and 0.781 inches **Threaded Device Type:** Coupling facility **Mating End Quantity:** 1 **Contact Position Arrangement Style:** 20-29 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

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Demilitarization:

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| Connector Locking Method: Externally threaded shell Externally threade |
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| Thready Cty Per Inch (tpi): 18 Thread Size: 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 Insert Material: Silicon single mating end single contact grouping insert Material: Silicon 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: Aluminum alloy Shell Surface Treatment: Nickel Included Contact Quantity: 17 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: Out of gold grains, troy Precious Material: Gold Test Data Document: |
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| 81349-mil-c-5015 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification |
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| format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain |
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| environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.). |
| Thread Series Designator: |
| Unef |
| Specification Data: |
| |
| 96906-ms3452 government standard |
| 96906-ms3452 government standard Shelf Life: |
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Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.