## NSN 5935-01-102-3662

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-102-3662 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 31.5 millimeters **Overall Height:** 39.7 millimeters **Overall Width:** 39.7 millimeters **Environmental Protection:** Moisture proof and salt water resistant and vibration proof Center To Center Distance Between Mounting Facilities Parallel To Height: 31.75 millimeters Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 31.75 millimeters **Distance From Mounting Shoulder To Front Face:** 20.1 millimeters **Threaded Device Type:** Back shell and coupling facility **Mating End Quantity: Contact Position Arrangement Style:** 21-35 single mating end **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:** Externally threaded shell Thready Qty Per Inch (tpi): 10 **Thread Size:** 

31.0 millimeters and 1.375 inches

**Thread Pitch In Millimeters:** 

1.00

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| 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 and silver single mating end single contact grouping  |
| Terminal Type:   |
| Crimp single mating end single contact grouping  |
| Shell Material:  |
| Aluminum alloy   |
| Shell Surface Treatment:   |
| Nickel   |
| Shell Surface Treatment Specification:   |
| Mil-c-26074 military specification single treatment response   |
| Thread Tolerance Class:  |
| 6g external  |
| Included Contact Quantity:   |
| 79 single mating end single contact grouping   |
| Included Contact Type:   |
| Round socket single mating end single contact grouping   |
| Precious Material And Location:  |
| Contact surfaces gold and contact surfaces silver  |
| Precious Material And Weight:  |
| 0.079 gold grains, troy and 0.079 silver grains, troy  |
| Precious Material:   |
| Gold and silver  |
| 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  |
| Specification Data:  |
| 81349-dod-c-38999/20 government specification  |
| Shelf Life:  |
| N/a  |
| Unit Of Measure:   |

Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-c-26074 spec.