## NSN 5935-01-163-3995

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-163-3995 **Thread Class:** 2a **Thread Direction:** Right-hand and right-hand and right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 32.5 millimeters **Overall Diameter:** 49.2 millimeters **Environmental Protection:** Moisture proof and salt water resistant and vibration proof **Distance From Mounting Shoulder To Front Face:** 22.6 millimeters **Mounting Facility Thickness:** 14.3 millimeters **Threaded Device Type:** Back shell and coupling facility and mounting bushing **Mating End Quantity: Contact Position Arrangement Style:** Bjaw 19-32 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 **End Application:** Mrap - rg-33 Thready Qty Per Inch (tpi): 10 **Thread Size:** 28.0 millimeters and 1.250 inches and 35.0 millimeters **Thread Pitch In Millimeters:** 1.00 and 1.00

1.00 and 1.00

**Terminal Location:** 

Back single mating end single contact grouping

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| Contact Material:  |
|--|
| Copper alloy single mating end single contact grouping   |
| Contact Surface Treatment:   |
| Gold single mating end single contact grouping   |
| Terminal Type:   |
| Crimp single mating end single contact grouping  |
| Shell Material:  |
| Aluminum alloy   |
| Shell Surface Treatment:   |
| Cadmium  |
| Shell Surface Treatment Specification:   |
| Qq-p-416 federal specification single treatment response   |
| Thread Tolerance Class:  |
| 6g external and 6g external  |
| Included Contact Quantity:   |
| 32 single mating end single contact grouping   |
| Bushing Accommodation Hole Shape:  |
| Round w/double flat  |
| Included Contact Type:   |
| Round socket single mating end single contact grouping   |
| Precious Material And Location:  |
| Contact surfaces gold  |
| Precious Material And Weight:  |
| 0.032 gold grains, troy  |
| Precious Material:   |
| Gold   |
| 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 and acme and iso m   |
| Specification Data:  |
| 81349-dod-c-38999/24 government specification  |
| Shelf Life:  |
| N/a  |
| Unit Of Measure:   |
| <del></del>  |
| Demilitarization:  |
| No   |

Mil-c-38999 spec.

Mil-std (military Standard):

Fiig: A039b0