NSN 5935-01-285-0417

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-285-0417 **Thread Class:** 2a **Thread Direction:** Right-hand and right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 33.6 millimeters **Overall Height:** 31.0 millimeters **Overall Width:** 31.0 millimeters Center To Center Distance Between Mounting Facilities Parallel To Height: Between 23.0 millimeters and 24.6 millimeters Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 23.0 millimeters and 24.6 millimeters **Distance From Mounting Shoulder To Front Face:** 20.9 millimeters **Threaded Device Type:** Back shell and coupling facility **Mating End Quantity:** 1 **Contact Position Arrangement Style:** Arbq 15-15 single mating end **Contact Removability:** Nonremovable single mating end all contact groupings **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 108.0 and 165.0 and 215.0 and 270.0 Shell Type: **Connector Locking Method:** Externally threaded shell Thready Qty Per Inch (tpi): 10 **Thread Size:** 22.0 millimeters and 1.000 inches

Thread Pitch In Millimeters:

1.00

Terminal Location:

Back single mating end all contact groupings

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Contact Material:
Copper alloy single mating end all contact groupings
Contact Surface Treatment:
Gold single mating end all contact groupings
Contact Surface Treatment Specification:
Mil-g-45204 military specification single treatment response single mating end all contact groupings
Terminal Type:
Crimp single mating end all contact groupings
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:
14 single mating end 2nd contact grouping
Included Contact Type:
Round pin single mating end all contact groupings
Precious Material And Location:
Contact surfaces gold
Precious Material And Weight:
0.019 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 special acme
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-g-45204 spec.