NSN 5935-01-250-8456

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-250-8456 **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 32.0 millimeters **Overall Height:** Between 45.5 millimeters and 46.6 millimeters **Overall Width:** Between 45.5 millimeters and 46.6 millimeters **Unthreaded Mounting Hole Diameter:** Between 3.6 millimeters and 4.0 millimeters Center To Center Distance Between Mounting Facilities Parallel To Height: 19.5 millimeters Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 19.5 millimeters **Distance From Mounting Shoulder To Front Face:** Between 19.2 millimeters and 20.8 millimeters **Threaded Device Type:** Back shell **Mating End Quantity:** 1 **Contact Position Arrangement Style:** 24-24 single mating end **Contact Removability:** Removable single mating end all contact groupings **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 100.0 and 260.0 Shell Type: **Connector Locking Method:** Detent **Thread Size:** 37.0 millimeters **Thread Pitch In Millimeters:**

1.00

Terminal Location:

Back single mating end all contact groupings

Contact Material:

Copper alloy single mating end all contact groupings

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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:
12 single mating end 2nd contact grouping
Included Contact Type:
Round pin single mating end all contact groupings
Special Features:
Insert configuration is 25-24
Precious Material And Location:
Contact surfaces gold
Precious Material And Weight:
0.024 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
Specification Data:
81349-dod-c-38999/40 government specification
Shelf Life:
N/a
Unit Of Measure:

Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.