NSN 5935-01-507-4377

Electrical Plug Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-507-4377 **Thread Class:** 2b **Thread Direction:** Right-hand and right-hand **Body Style:** Straight shape, internal coupling **Overall Length:** 33.1 millimeters **Overall Diameter:** 48.0 millimeters **Environmental Protection:** Corrosion resistant and fungus resistant and moisture resistant and salt spray proof and shock resistant and vibration resistant and weather resistant **Threaded Device Type:** Back shell and coupling facility **Mating End Quantity:** 1 **Contact Position Arrangement Style:** Avca 25-19 single mating end **Contact Removability:** Removable single mating end single contact grouping **Polarization Method:**

Key or multiple key

Insert Position In Deg:

0.0 and 80.0 and 142.0 and 196.0 and 293.0

Shell Type:

Solid

Connector Locking Method:

Internally threaded coupling ring

End Application:

Aircraft, hawkeye e-2c

Operating Tempurature Rating:

Between -65.0 degrees celsius and 175.0 degrees celsius

Thread Size:

37.0 millimeters and 1.625 inches

Terminal Location:

Back single mating end single contact grouping

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Plastic

Shell Surface Treatment:

Cadmium

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Thread Tolerance Class:
6g external
ncluded Contact Quantity:
19 single mating end single contact grouping
ncluded Contact Type:
Round socket single mating end single contact grouping
Special Features:
Contacts per mil-c-39029/106-617 which will withstand 1500 cycles of durability
Color:
Olive drab
Precious Material And Location:
Contact surfaces gold and contact surfaces palladium
Precious Material:
Gold and palladium
Test Data Document:
31349-mil-dtl-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:
so m and special acme
Specification Data:
31349-mil-dtl-38999/26 government specification
Shelf Life:
N/a
Unit Of Measure:
-
Demilitarization:
No No
Fiig:
A039b0