

View Online at <https://aerobasegroup.com/nsn/5935-01-249-7559>

Thread Class:

2b

Thread Direction:

Right-hand

Body Style:

Angle shape, round

Overall Length:

2.860 inches

Overall Height:

2.210 inches

Overall Diameter:

1.470 inches

Body Angle In Deg:

90.0

Environmental Protection:

Vibration resistant and salt water resistant and humidity resistant

Cable Entrance Diameter:

Between 0.511 inches and 0.593 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

G single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

35.0 single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Jackscrew

Connector Cable Strain Relief Method:

Compression nut

End Application:

5811-01-220-8461 receiving set, speci

Thready Qty Per Inch (tpi):

32

Thread Size:

0.190 inches

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 nickel single mating end single contact grouping

Insert Material:

Plastic diallyl phthalate single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type 2, cl 0, grade d military specification 1st treatment response single mating end single contact grouping and qq-n-290 federal specification 2nd treatment response single mating end single contact grouping

Terminal Type:

Turret single mating end single contact grouping

Contact Material Specification:

Qq-c-530 federal specification single material response single mating end single contact grouping

Shell Material:

Metal

Insert Material Specification:

Mil-m-14, ty sdg-f or gdf-30f military specification single material response single mating end

Included Contact Quantity:

4 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.004 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-55181 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:

Unf

Specification Data:

81349-mil-c-55181/1 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Mil-std (military Standard):

Mil-g-45204 spec.