

View Online at <https://aerobasegroup.com/nsn/5935-01-296-3500>

Thread Direction:

Right-hand

Body Style:

Straight shape, internal coupling

Overall Length:

51.6 millimeters

Overall Diameter:

37.4 millimeters

Environmental Protection:

Humidity resistant and shock resistant and vibration resistant

Cable Entrance Diameter:

0.245 inches

Threaded Device Type:

Back shell

Mating End Quantity:

1

Contact Position Arrangement Style:

Nonstd single mating end

Contact Removability:

Removable single mating end single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

100.0 single mating end single contact grouping

Contact Maximum Frequency Rating:

10.0 megahertz single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

110.0 and 250.0

Shell Type:

Solid

Connector Locking Method:

Detent

Connector Cable Strain Relief Method:

Compression nut

Radio Frequency Type Contact Characteristic Impedance In Ohms:

50.0 single mating end single contact grouping

End Application:

Weapon control system, an/swg-3a

Thread Length:

7.11 millimeters

Thread Size:

25.0 millimeters

Thread Pitch In Millimeters:

1.00

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 polytetrafluoroethylene single mating end

Contact Surface Treatment Specification:

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

Insert Material Specification:

Mil-p-19468 military specification single material response single mating end

Thread Tolerance Class:

6g external

Included Contact Quantity:

1 single mating end single contact grouping

Included Contact Type:

Triaxial socket single mating end single contact grouping

Precious Material And Location:

Contact surface gold

Precious Material And Weight:

0.005 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Iso m

Specification Data:

76301-70b184181 manufacturers source control

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.