

View Online at <https://aerobasegroup.com/nsn/5935-01-311-6781>

Thread Class:

2b

Thread Direction:

Right-hand

Body Style:

Straight shape, internal coupling w/backshell

Overall Length:

2.969 inches

Overall Diameter:

2.170 inches

Environmental Protection:

Moisture proof and salt water resistant and vibration proof and shock resistant and cold resistant and heat resistant and explosion proof

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

24-28 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

22.0 single mating end single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

200.0 single mating end single contact grouping

Contact Maximum Dc Voltage Rating In Volts:

250.0 single mating end single contact grouping

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Internally threaded coupling ring

Operating Temperature Rating:

Between -55.0 degrees celsius and 125.0 degrees celsius

Thready Qty Per Inch (tpi):

18

Thread Size:

1.500 inches

Contact Material:

Copper alloy single mating end single contact grouping

Contact Surface Treatment:

Gold and nickel single mating end single contact grouping

Insert Material:

Rubber single mating end

Contact Surface Treatment Specification:

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

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416, type 2, cl 3 federal specification all treatment responses

Included Contact Quantity:

24 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

Special Features:

Contacts q and r are shorted together; dummy connector, plug is made from an ms3106f24-28p connector

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.024 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Unef

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.