

View Online at <https://aerobasegroup.com/nsn/5935-01-329-1731>

Thread Class:

2a

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, flange mount external coupling

Overall Length:

1.405 inches

Overall Height:

Between 1.802 inches and 1.822 inches

Overall Width:

Between 1.802 inches and 1.822 inches

Unable To Decode:

Unable to decode and unable to decode

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Unable to decode and unable to decode

Environmental Protection:

Moisture proof and salt water resistant and vibration proof and corrosion resistant and dust resistant and fuel resistant and fungus resistant and humidity resistant and oil resistant and shock resistant and thermal shock resistant and vibration resistant

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 1.375 inches and 1.500 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.375 inches and 1.500 inches

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

25-46 single mating end

Contact Removability:

Removable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

7.5 single mating end 3rd contact grouping

Contact Maximum Ac Voltage Rating In Volts:

600.0 single mating end all contact groupings

Contact Maximum Dc Voltage Rating In Volts:

850.0 single mating end all contact groupings

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Operating Temperature Rating:

Between -55.0 degrees celsius and 125.0 degrees celsius

Thread Qty Per Inch (tpi):

10

Thread Size:

37.0 millimeters and 1.625 inches

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

Contact Surface Treatment:

Gold single mating end all contact groupings

Insert Material:

Plastic epoxy single mating end

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:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416, type ii, class 1 federal specification all treatment responses

Shell Material Specification:

Qq-a-367 federal specification single material response

Thread Tolerance Class:

6g external

Included Contact Quantity:

4 single mating end 2nd contact grouping

Included Contact Type:

Round pin single mating end 3rd contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.054 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Iso m and special acme

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.