

View Online at <https://aerobasegroup.com/nsn/5935-01-363-9142>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling strain relief

Overall Length:

2.750 inches

Overall Height:

Between 1.469 inches and 1.581 inches

Overall Width:

Between 1.469 inches and 1.581 inches

Environmental Protection:

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

Unthreaded Mounting Hole Diameter:

Between 0.115 inches and 0.130 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 1.151 inches and 1.161 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.151 inches and 1.161 inches

Cable Entrance Diameter:

0.656 inches

Distance From Mounting Shoulder To Front Face:

Between 0.750 inches and 0.781 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

20-22 single mating end

Contact Removability:

Nonremovable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

22.0 single mating end 1st contact grouping 73.0 single mating end 2nd contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 single mating end all contact groupings

Contact Maximum Dc Voltage Rating In Volts:

700.0 single mating end all contact groupings

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

280.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Connector Cable Strain Relief Method:

Cable clamp

Operating Temperature Rating:

Between 55.0 degrees celsius and 125.0 degrees celsius

Thread Qty Per Inch (tpi):

18

Thread Size:

1.125 inches

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 and silver single mating end all contact groupings or silver single mating end all contact groupings

Insert Material:

Rubber single mating end

Contact Surface Treatment Specification:

Mil-g-45204 military specification 1st treatment response single mating end all contact groupings and qq-s-365 federal specification 2nd treatment response single mating end all contact groupings or qq-s-365 federal specification 3rd treatment response single mating end all contact groupings

Terminal Type:

Solder well single mating end all contact groupings

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:

3 single mating end 1st contact grouping 3 single mating end 2nd contact grouping

Included Contact Type:

Round socket single mating end all contact groupings

Precious Material And Location:

Contact surfaces gold and contact surfaces silver or contact surfaces silver

Precious Material And Weight:

0.018 gold grains, troy and 0.018 silver grains, troy or 0.018 silver grains, troy

Precious Material:

Gold and silver or silver

Test Data Document:

81349-mil-c-5015 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification

Specification Data:

96906-ms3100 government standard

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.