

View Online at <https://aerobasegroup.com/nsn/5935-00-458-9314>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, flange mount, external coupling

Overall Length:

2.188 inches

Overall Height:

Between 1.469 inches and 1.531 inches

Overall Width:

Between 1.469 inches and 1.531 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 1.149 inches and 1.159 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.149 inches and 1.159 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:

20-27 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:

500.0 single mating end single contact grouping

Contact Maximum Dc Voltage Rating In Volts:

700.0 single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Potting

Connector Locking Method:

Externally threaded shell

Connector Cable Strain Relief Method:

Potting type

Thread Length:

0.625 inches

Operating Temperature Rating:

Between -55.0 degrees celsius and 125.0 degrees celsius

Thread Qty Per Inch (tpi):

18

Thread Size:

1.250 inches

Terminal Location:

Back single mating end single contact grouping

Contact Material:

Copper alloy single mating end single contact grouping

Contact Surface Treatment:

Silver single mating end single contact grouping or gold single mating end single contact grouping and silver single mating end single contact grouping

Insert Material:

Rubber single mating end

Contact Surface Treatment Specification:

Qq-s-365 federal specification 1st treatment response single mating end single contact grouping or mil-g-45204 military specification 2nd treatment response single mating end single contact grouping and qq-s-365 federal specification 3rd treatment response single mating end single contact grouping

Terminal Type:

Solder well 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:

14 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold and contact surfaces silver

Precious Material And Weight:

0.014 gold grains, troy and 0.014 silver grains, troy

Precious Material:

Gold and silver

Thread Series Designator:

Unef

Unit Of Measure:

--

Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.