

View Online at <https://aerobasegroup.com/nsn/5935-00-827-0492>

Thread Class:

2a and 2b

Thread Direction:

Right-hand

Body Style:

Straight shape w/screw locks

Overall Length:

Between 2.452 inches and 2.484 inches

Overall Height:

Between 1.781 inches and 1.813 inches

Overall Width:

Between 1.296 inches and 1.328 inches

Environmental Protection:

Shock resistant and vibration resistant

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

66 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

7.5 single mating end single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

1050.0 single mating end single contact grouping

Polarization Method:

Jackscrew

Shell Type:

Potting

Connector Locking Method:

Jackscrew-socket

Connector Cable Strain Relief Method:

Potting type

Operating Temperature Rating:

Between -55.0 degrees celsius and 135.0 degrees celsius

Thready Qty Per Inch (tpi):

32

Thread Size:

0.138 inches

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 silver single mating end single contact grouping

Insert Material:

Plastic diallyl phthalate single mating end

Contact Surface Treatment Specification:

Mil-g-45204 military specification 1st treatment response single mating end single contact grouping and qq-s-365 federal specification 2nd treatment response single mating end single contact grouping

Terminal Type:

Solder well single mating end single contact grouping

Shell Material:

Stainless steel

Insert Material Specification:

Mil-m-19833, type gdi-30 military specification single material response single mating end

Included Contact Quantity:

66 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:

0.066 gold grains, troy and 0.066 silver grains, troy

Precious Material:

Gold and silver

Thread Series Designator:

Unc

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.