

View Online at <https://aerobasegroup.com/nsn/5935-01-421-9582>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

Between 1.580 inches and 1.600 inches

Overall Diameter:

1.385 inches

Environmental Protection:

Thermal shock resistant

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

"8 number 16, 14-68, 16-8" single mating end

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

125.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Operating Temperature Rating:

Between -65.0 degrees celsius and 165.0 degrees celsius

Thready Qty Per Inch (tpi):

12

Thread Size:

1.187 inches and 1.375 inches

Terminal Location:

Back single mating end single contact grouping

Contact Material:

Iron alloy single mating end single contact grouping

Contact Surface Treatment:

Gold single mating end single contact grouping

Insert Material:

Glass fiber single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type ii, class 3 military specification single treatment response single mating end single contact grouping

Terminal Type:

Solder well single mating end single contact grouping

Contact Material Specification:

Mil-i-23011, class 2 military specification single material response single mating end single contact grouping

Shell Material:

Nickel alloy

Shell Material Specification:

Qq-n-286 federal specification single material response

Included Contact Quantity:

8 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.008 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Un and unf

Specification Data:

54497-0081a0273 manufacturers source control

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-i-23011 spec.