

View Online at <https://aerobasegroup.com/nsn/5935-01-117-3497>

Thread Class:

2a

Thread Pitch Diameters:

+0.118/+0.143 inches

Thread Direction:

Left-hand

Body Style:

Straight shape, external coupling w/strain relief

Overall Length:

11.062 inches

Diameter:

Between 3.265 inches and 3.276 inches

Overall Diameter:

Between 4.146 inches and 4.167 inches

Environmental Protection:

Thermal shock resistant and moisture resistant and salt water resistant and shock resistant and vibration resistant

Cable Entrance Diameter:

Between 2.308 inches and 2.453 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Removability:

Nonremovable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

200.0 single mating end all contact groupings

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

15.0 and 60.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Connector Cable Strain Relief Method:

Compression nut

Thready Qty Per Inch (tpi):

7

Thread Size:

3.500 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

Insert Material:

Plastic single mating end

Contact Surface Treatment Specification:

Mil-g-45204 type 1, class 1 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 nickel

Shell Surface Treatment Specification:

Qq-p-416 type ii federal specification 1st treatment response and qq-n-290 federal specification 2nd treatment response

Included Contact Quantity:

4 single mating end 3rd contact grouping

Included Contact Type:

Round socket single mating end all contact groupings

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.008 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-22992 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Thread Series Designator:

Acme

Specification Data:

96906-ms90557 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.