

View Online at <https://aerobasegroup.com/nsn/5935-00-211-1934>

Thread Class:

2a

Thread Direction:

Left-hand

Body Style:

Straight shape, external coupling

Overall Length:

1.638 inches

Overall Height:

Between 2.980 inches and 3.021 inches

Overall Width:

Between 2.980 inches and 3.021 inches

Environmental Protection:

Moisture resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

Between 0.204 inches and 0.214 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 2.172 inches and 2.204 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 2.172 inches and 2.204 inches

Distance From Mounting Shoulder To Front Face:

Between 0.912 inches and 0.922 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

36-10 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:

Key, multiple key groove

Insert Position In Deg:

280.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.672 inches

Thready Qty Per Inch (tpi):

10

Thread Size:

2.750 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

Insert Material:

Rubber single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type 2, class 1 military specification single 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 nickel

Shell Surface Treatment Specification:

Qq-p-416, type ii federal specification 1st treatment response and qq-n-290 federal specification 2nd treatment response and mil-c-26074 military specification 2nd treatment response

Included Contact Quantity:

48 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

Precious Material And Location:

Contact surface gold

Precious Material And Weight:

0.048 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:

Double stub

Specification Data:

96906-ms17346 government standard

Unit Of Measure:

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Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.