

View Online at <https://aerobasegroup.com/nsn/5935-01-281-1563>

Thread Class:

2a and 2b

Thread Direction:

Left-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

Between 2.006 inches and 2.026 inches

Overall Height:

Between 2.740 inches and 2.760 inches

Overall Width:

Between 2.740 inches and 2.760 inches

Environmental Protection:

Cold resistant and heat resistant and humidity resistant and shock resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

Between 0.209 inches and 0.229 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 2.084 inches and 2.104 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 2.084 inches and 2.104 inches

Distance From Mounting Shoulder To Front Face:

Between 0.990 inches and 1.010 inches

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

20-10 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

41.0 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:

Solid

Connector Locking Method:

Internally threaded coupling ring

End Application:

4935-00-930-7250 test station, guided missile system

Thready Qty Per Inch (tpi):

28 and 10

Thread Size:

2.094 inches and 2.500 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:

Plastic silicone single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type ii, 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 6061

Shell Surface Treatment:

Anodize

Shell Surface Treatment Specification:

Mil-a-8625, type iii military specification single treatment response

Shell Material Specification:

Qq-a-200/8, temper t6 federal specification single material response

Included Contact Quantity:

37 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:

0.185 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Npt and special acme

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.