

View Online at <https://aerobasegroup.com/nsn/5935-01-021-6923>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, flush mount

Overall Length:

0.984 inches

Overall Height:

3.937 inches

Overall Width:

3.375 inches

Environmental Protection:

Thermal shock resistant and vibration resistant and shock resistant

Unthreaded Mounting Hole Diameter:

Between 0.139 inches and 0.149 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 3.235 inches and 3.265 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 2.870 inches and 2.880 inches

Distance From Mounting Shoulder To Front Face:

0.078 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

2

Contact Position Arrangement Style:

G20 1st mating end

Contact Removability:

Nonremovable all mating ends all contact groupings

Contact Maximum Current Rating In Amps:

60.0 1st mating end 1st contact grouping

Polarization Method:

Mating end and jackscrew

Shell Type:

Solid

Connector Locking Method:

Jackscrew

Operating Temperature Rating:

Between -55.0 degrees celsius and 125.0 degrees celsius

Thready Qty Per Inch (tpi):

28

Thread Size:

0.250 inches

Terminal Location:

Back all mating ends all contact groupings

Contact Material:

Copper alloy all mating ends all contact groupings

Contact Surface Treatment:

Silver 1st mating end 2nd contact grouping

Insert Material:

Plastic melamine all mating ends or plastic phenolic all mating ends

Contact Surface Treatment Specification:

Qq-s-365 federal specification single treatment response 1st mating end 2nd contact grouping

Terminal Type:

Solder well all mating ends all contact groupings

Contact Material Specification:

Qq-c-533 federal specification single material response all mating ends all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416, type 2, class 2 federal specification all treatment responses

Shell Material Specification:

Qq-a-591/a380 federal specification single material response

Insert Material Specification:

Mil-m-14 military specification all material responses all mating ends

Included Contact Quantity:

8 1st mating end 2nd contact grouping

Included Contact Type:

Round pin all mating ends all contact groupings

Special Features:

Jackscrew type-male and location-center

Precious Material And Location:

Contact surfaces gold and contact surfaces silver

Precious Material And Weight:

0.038 gold grains, troy and 0.050 silver grains, troy

Precious Material:

Gold and silver

Thread Series Designator:

Unf

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.