

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.