

View Online at <https://aerobasegroup.com/nsn/5935-01-085-9052>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, thru-hole mount, external coupling

**Overall Length:**

4.535 inches

**Cable Entrance Diameter:**

1.000 inches

**Distance From Mounting Shoulder To Front Face:**

1.380 inches

**Mounting Facility Thickness:**

0.095 inches

**Threaded Device Type:**

Mounting bushing

**Mating End Quantity:**

1

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

50.0 single mating end single contact grouping

**Shell Type:**

Solid

**Connector Cable Strain Relief Method:**

Cable clamp

**Cable Opening Length:**

0.500 inches

**Cable Opening Width:**

0.190 inches

**Thready Qty Per Inch (tpi):**

20

**Thread Size:**

1.750 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Beryllium single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Contact Material Specification:**

Qq-c-530 federal specification single material response single mating end single contact grouping

**Shell Material:**

Steel comp 303

**Shell Surface Treatment:**

Passivate

**Shell Surface Treatment Specification:**

Qq-p-35 federal specification single treatment response

**Shell Material Specification:**

Qq-s-764 federal specification single material response

**Included Contact Quantity:**

1 single mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round

**Included Contact Type:**

Leaf spring single mating end single contact grouping

**Precious Material And Location:**

Contacts gold

**Precious Material And Weight:**

0.005 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Un

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

**Mil-std (military Standard):**

Mil-g-45204 spec.