

View Online at <https://aerobasegroup.com/nsn/5935-00-045-3162>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

0.781 inches

**Overall Height:**

1.359 inches

**Overall Width:**

1.359 inches

**Unthreaded Mounting Hole Diameter:**

0.120 inches

**Center To Center Distance Between Mounting Facilities Parallel To Height:**

Between 1.057 inches and 1.067 inches

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:**

Between 1.057 inches and 1.067 inches

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

0.391 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

30 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

5.0 single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

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

6

**Thread Size:**

1.312 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 diallyl phthalate single mating end

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Anodize

**Insert Material Specification:**

Mil-m-19833, type gdi-30 military specification single material response single mating end

**Included Contact Quantity:**

20 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.020 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Uns

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-m-19833 spec.