

View Online at <https://aerobasegroup.com/nsn/5935-01-111-8010>

**Thread Class:**

2a and 2a and 2a

**Thread Direction:**

Right-hand and right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

2.190 inches

**Overall Diameter:**

2.120 inches

**Environmental Protection:**

Thermal shock resistant and vibration resistant and shock resistant and humidity resistant

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

1.250 inches

**Threaded Device Type:**

Back shell and coupling facility and mounting bushing

**Mating End Quantity:**

2

**Contact Removability:**

Nonremovable all mating ends single contact grouping

**Contact Maximum Current Rating In Amps:**

3.0 all mating ends single contact grouping

**Contact Maximum Ac Voltage Rating In Volts:**

700.0 all mating ends single contact grouping

**Contact Maximum Dc Voltage Rating In Volts:**

600.0 all mating ends single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

30.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

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

12 and 12 and 12

**Thread Size:**

2.000 inches and 1.375 inches and 1.375 inches

**Contact Material:**

Copper alloy all mating ends single contact grouping

**Contact Surface Treatment:**

Gold all mating ends single contact grouping

**Insert Material:**

Plastic all mating ends

**Contact Surface Treatment Specification:**

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

**Shell Material:**

Stainless steel

**Shell Surface Treatment:**

Passivate

**Shell Material Specification:**

Qq-s-763 federal specification single material response

**Insert Material Specification:**

Mil-m-24325, ty mei-5 military specification single material response all mating ends

**Included Contact Quantity:**

22 all mating ends single contact grouping

**Bushing Accommodation Hole Shape:**

Round

**Included Contact Type:**

Round pin all mating ends single contact grouping

**Special Features:**

Pins 1, 2, 3, 7, are 400 hz 700.0 vac

**Thread Series Designator:**

Un and unf and unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.