

View Online at <https://aerobasegroup.com/nsn/5935-01-327-6427>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.550 inches

**Overall Diameter:**

0.497 inches

**Environmental Protection:**

Vibration proof and thermal shock resistant and moisture resistant

**Cable Entrance Diameter:**

0.165 inches

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

0.712 inches

**Mounting Facility Thickness:**

0.125 inches

**Threaded Device Type:**

Mounting bushing

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Nonstd single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

3.0 single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

126.0 and 237.0

**Shell Type:**

Solid

**Connector Locking Method:**

Bayonet pin

**Connector Cable Strain Relief Method:**

Crimp type

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 125.0 degrees celsius

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

32

**Thread Size:**

0.312 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 and nickel single mating end single contact grouping and copper single mating end single contact grouping

**Insert Material:**

Plastic polysulfone single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification 1st treatment response single mating end single contact grouping and qq-n-290 federal specification 2nd treatment response single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Contact Material Specification:**

Qq-b-626 federal specification single material response single mating end single contact grouping or qq-c-530 federal specification single material response single mating end single contact grouping

**Shell Material:**

Copper alloy 173

**Shell Surface Treatment:**

Tin and nickel

**Shell Surface Treatment Specification:**

Mil-t-10727 military specification 1st treatment response and mil-c-26074 military specification 2nd treatment response

**Shell Material Specification:**

Qq-c-530, cond a or h federal specification single material response

**Included Contact Quantity:**

1 single mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round w/double flat

**Included Contact Type:**

Triaxial pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.005 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unef

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Fig:**

A039b0

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

Mil-g-45204 spec.