

View Online at <https://aerobasegroup.com/nsn/5935-00-823-0166>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling strain relief

**Overall Length:**

1.781 inches

**Overall Height:**

Between 1.219 inches and 1.281 inches

**Overall Width:**

Between 1.219 inches and 1.281 inches

**Environmental Protection:**

Heat resistant and moisture proof and vibration resistant

**Unthreaded Mounting Hole Diameter:**

0.120 inches

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

Between 0.967 inches and 0.977 inches

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

Between 0.967 inches and 0.977 inches

**Cable Entrance Diameter:**

0.561 inches

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

0.375 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

"1920, 19-20" single mating end

**Contact Removability:**

Removable single mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

10.0 single mating end all contact groupings

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

700.0 single mating end 2nd contact grouping

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

900.0 single mating end 1st contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Bayonet pin

**Connector Cable Strain Relief Method:**

Cable clamp

**Thread Length:**

0.391 inches

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

6

**Thread Size:**

1.188 inches

**Terminal Location:**

Back single mating end all contact groupings

**Contact Surface Treatment:**

Gold single mating end all contact groupings and silver single mating end all contact groupings

**Insert Material:**

Plastic polyamide single mating end

**Terminal Type:**

Crimp single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Insert Material Specification:**

Mil-p-17091 military specification single material response single mating end

**Included Contact Quantity:**

3 single mating end 1st contact grouping

**Included Contact Type:**

Round pin single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces gold and contact surfaces silver

**Precious Material And Weight:**

0.020 gold grains, troy and 0.020 silver grains, troy

**Precious Material:**

Gold and silver

**Test Data Document:**

81349-mil-c-25955 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Uns

**Specification Data:**

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-p-17091 spec.