

View Online at <https://aerobasegroup.com/nsn/5935-01-235-7744>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

2.703 inches

**Overall Height:**

Between 3.219 inches and 3.250 inches

**Overall Width:**

Between 3.219 inches and 3.250 inches

**Unthreaded Mounting Hole Diameter:**

0.171 inches

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

2.531 inches

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

2.531 inches

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

1.005 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Removability:**

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

22.0 single mating end single contact grouping

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

500.0 single mating end single contact grouping

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

700.0 single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

90.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

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

8

**Thread Size:**

3.000 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Metal single mating end single contact grouping

**Insert Material:**

Plastic phenolic single mating end

**Criticality Code Justification:**

Feat

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy 6061

**Shell Surface Treatment:**

Oxide aluminum

**Shell Material Specification:**

Qq-a-270 federal specification single material response or qq-a-325 federal specification single material response

**Insert Material Specification:**

Mil-m-14, ty mfh military specification single material response single mating end

**Included Contact Quantity:**

100 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Special Features:**

Both sides of flange and mounting hole counterbore are chromate coated for an electrically conductive surface

**Nuclear Hardness Critical Feature:**

Hardened

**Thread Series Designator:**

Acme

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-m-14 spec.