

View Online at <https://aerobasegroup.com/nsn/5935-01-253-0091>

**Thread Class:**

2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

31.5 millimeters

**Overall Height:**

23.8 millimeters

**Overall Width:**

23.8 millimeters

**Environmental Protection:**

Hermetic

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

Between 15.09 millimeters and 18.26 millimeters

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

Between 15.09 millimeters and 18.26 millimeters

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

20.9 millimeters

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Sep-98 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

95.0 and 145.0 and 220.0 and 255.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

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

10

**Thread Size:**

12.0 millimeters and 0.625 inches

**Thread Pitch In Millimeters:**

1.00

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Nickel single mating end single contact grouping and iron alloy 52 single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping

**Contact Surface Treatment Specification:**

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

**Criticality Code Justification:**

Feat

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Stainless steel

**Shell Surface Treatment:**

Nickel

**Shell Surface Treatment Specification:**

Qq-n-290, cl 2 federal specification single treatment response

**Thread Tolerance Class:**

6g external

**Included Contact Quantity:**

3 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Special Features:**

Added emp, vibration, fluid resistance, firewall, fire zone and corrosion requirements

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.015 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Iso m and special acme

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.