

View Online at <https://aerobasegroup.com/nsn/5935-01-352-0935>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, internal coupling

**Overall Length:**

33.16 millimeters

**Overall Diameter:**

48.0 millimeters

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

25-4 single mating end

**Contact Removability:**

Removable single mating end all contact groupingsremovable single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0 and 100.0 and 128.0 and 228.0 and 265.0

**Shell Type:**

Solid

**Connector Locking Method:**

Internally threaded coupling ring

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 175.0 degrees celsius

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

10

**Thread Size:**

37.0 millimeters and 1.625 inches

**Thread Pitch In Millimeters:**

1.00

**Terminal Location:**

Back single mating end all contact groupingsback single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end all contact groupingscopper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end all contact groupingsgold single mating end single contact grouping

**Insert Material:**

Plastic epoxy single mating end

**Contact Surface Treatment Specification:**

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

**Criticality Code Justification:**

Feat

**Terminal Type:**

Crimp single mating end all contact groupingscrimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416 federal specification single treatment response

**Thread Tolerance Class:**

6g external

**Included Contact Quantity:**

8 single mating end 1st contact grouping48 single mating end 2nd contact grouping48 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end all contact groupingsround pin single mating end single contact grouping

**Special Features:**

Shell to shell conductivity shall be one milliohm max

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.056 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Iso m and special acme

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.