

View Online at <https://aerobasegroup.com/nsn/5935-01-336-9916>

**Thread Class:**

2a

**Thread Direction:**

Right-hand and right-hand

**Overall Length:**

1.675 inches

**Overall Height:**

1.520 inches

**Overall Width:**

1.520 inches

**Environmental Protection:**

Moisture proof and salt water resistant and vibration proof and corrosion resistant and dust resistant and fuel resistant and fungus resistant and humidity resistant and oil resistant and shock resistant and thermal shock resistant and vibration resistant

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

1.200 inches

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

1.200 inches

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

1.118 inches

**Mounting Facility Thickness:**

0.093 inches

**Threaded Device Type:**

Mounting bushing and mounting hole

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

15-35 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Key, multiple key groove

**Insert Position In Deg:**

100.0 and 260.0

**Shell Type:**

Solid

**Connector Locking Method:**

Detent

**End Application:**

Tactical air operations module an/tyq-2 (v) 1

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 175.0 degrees celsius

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

40

**Thread Size:**

28.0 millimeters and 0.112 inches

**Thread Pitch In Millimeters:**

1.00

**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

**Insert Material:**

Plastic epoxy single mating end

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Solder well 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:**

37 single mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round w/flat

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.037 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Iso m and unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.