

View Online at <https://aerobasegroup.com/nsn/5935-01-333-2428>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape

**Overall Length:**

1.425 inches

**Overall Height:**

Between 3.095 inches and 3.125 inches

**Overall Width:**

Between 1.985 inches and 2.015 inches

**Environmental Protection:**

Heat resistant and cold resistant and corrosion resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.118 inches and 0.122 inches

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

0.766 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

8 1st mating end

**Contact Removability:**

Nonremovable all mating ends all contact groupings

**Polarization Method:**

Guide pin/socket

**Shell Type:**

Solid

**Connector Locking Method:**

Post jacksocket

**End Application:**

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

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 125.0 degrees celsius

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

24

**Thread Size:**

0.190 inches

**Terminal Location:**

Back all mating ends all contact groupings

**Contact Material:**

Copper alloy all mating ends all contact groupings

**Contact Surface Treatment:**

Gold all mating ends all contact groupings

**Insert Material:**

Plastic diallyl phthalate glass filled all mating ends or plastic epoxy all mating ends or plastic phenolic all mating ends

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, grade c, cl 1 military specification single treatment response all mating ends all contact groupings

**Terminal Type:**

Solder well all mating ends all contact groupings

**Guide Design And Location:**

Hexagon shape female post left-hand at 12 oclock and hexagon shape female post right-hand at 12 oclock

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Qq-p-416, type 2 federal specification all treatment responses

**Shell Material Specification:**

Qq-a-591 federal specification single material response or qq-a-367 federal specification single material response or qq-a-250 federal specification single material response

**Insert Material Specification:**

Mil-m-14, ty gdi-30f or sdg-f military specification 1st material response all mating ends or allied chemical 1288 bx mfr ref 2nd material response all mating ends or mil-m-14 military specification 3rd material response all mating ends

**Included Contact Quantity:**

4 1st mating end single contact grouping

**Included Contact Type:**

Round pin 2nd mating end 2nd contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.146 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-std-15000