

View Online at <https://aerobasegroup.com/nsn/5935-01-341-3185>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, flush mount

**Overall Height:**

Between 3.061 inches and 3.091 inches

**Overall Width:**

Between 1.985 inches and 2.015 inches

**Environmental Protection:**

Humidity resistant and vibration resistant and shock resistant and corrosion resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.118 inches and 0.122 inches

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

0.185 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

"106, a106" 1st mating end 2nd mating end

**Contact Removability:**

Nonremovable 1st mating end 1st contact grouping

**Polarization Method:**

2 polarization posts and mating end

**Shell Type:**

Solid

**Connector Locking Method:**

Jackscrew

**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 1st mating end 1st contact grouping

**Contact Material:**

Copper alloy 1st mating end 1st contact grouping

**Contact Surface Treatment:**

Gold 1st mating end 1st contact grouping

**Insert Material:**

Plastic diallyl phthalate glass filled all mating ends

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, grade c, cl 1 military specification single treatment response 1st mating end 1st contact grouping

**Terminal Type:**

Printed circuit 1st mating end 1st contact grouping

**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 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 sdg-f or gdi-30f military specification single material response all mating ends

**Included Contact Quantity:**

71 1st mating end 1st contact grouping

**Included Contact Type:**

Round socket 1st mating end 1st contact grouping

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**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.071 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-g-45204 spec.