

View Online at <https://aerobasegroup.com/nsn/5935-01-341-3184>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, flush mount

**Overall Length:**

1.061 inches

**Overall Height:**

3.075 inches

**Overall Width:**

2.000 inches

**Environmental Protection:**

Humidity resistant and salt water resistant and shock resistant and thermal shock resistant and vibration resistant

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

Between 2.778 inches and 2.788 inches

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

Between 1.432 inches and 1.442 inches

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

0.060 inches

**Threaded Device Type:**

Mounting hole

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

"106, a106" 1st mating end

**Contact Removability:**

Removable 1st mating end single contact groupingremovable 2nd mating end 1st contact grouping

**Polarization Method:**

Mating end and 3 polarization posts

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 125.0 degrees celsius

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

40

**Thread Size:**

0.112 inches

**Terminal Location:**

Back 1st mating end single contact groupingback 2nd mating end 1st contact grouping

**Contact Material:**

Copper alloy 1st mating end single contact groupingcopper alloy 2nd mating end 1st contact grouping

**Contact Surface Treatment:**

Gold 1st mating end single contact groupinggold 2nd mating end 1st contact grouping

**Insert Material:**

Plastic all mating ends

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Crimp 1st mating end single contact groupingcrimp 2nd mating end 1st contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 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

**Included Contact Quantity:**

106 1st mating end single contact grouping29 2nd mating end 1st contact grouping

**Included Contact Type:**

Round socket 1st mating end single contact groupinground socket 2nd mating end 1st contact grouping

**Special Features:**

3 hex shaped polarizing keys shipped loose

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.135 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.