

View Online at <https://aerobasegroup.com/nsn/5935-01-327-4680>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Rectangular shape, angle

**Overall Length:**

1.335 inches

**Overall Height:**

0.432 inches

**Overall Width:**

0.703 inches

**Environmental Protection:**

Moisture resistant and salt water resistant and shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.090 inches and 0.102 inches

**Distance Between Mounting Facility Centers:**

Between 1.110 inches and 1.120 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

31 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

3.0 single mating end single contact grouping

**Polarization Method:**

Mating end

**Shell Type:**

Solid

**Connector Locking Method:**

Post jacksocket

**End Application:**

1270-01-142-2855 target designator set, electro-optical

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 125.0 degrees celsius

**Features Provided:**

Pre-tinned terminal

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

56

**Thread Size:**

0.086 inches

**Terminal Location:**

Side 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 single mating end

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Solder stud single mating end single contact grouping

**Shell Material:**

Aluminum alloy or steel

**Shell Surface Treatment:**

Nickel or passivate

**Shell Surface Treatment Specification:**

Mil-c-26070 military specification 1st treatment response or qq-p-35 federal specification 2nd treatment response

**Shell Material Specification:**

Qq-a-591 federal specification 1st material response or qq-s-766 federal specification 2nd material response

**Insert Material Specification:**

Mil-m-24519, ty gpt-30f or get-30f military specification single material response single mating end

**Included Contact Quantity:**

31 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.031 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.