

View Online at <https://aerobasegroup.com/nsn/5935-01-384-6908>

**Body Style:**

Straight shape, flush mount

**Overall Length:**

1.634 inches

**Overall Height:**

Between 1.997 inches and 2.027 inches

**Overall Width:**

Between 1.985 inches and 2.015 inches

**Environmental Protection:**

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

**Unthreaded Mounting Hole Diameter:**

Between 0.118 inches and 0.122 inches

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

1.720 inches

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

1.438 inches

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

Between 0.055 inches and 0.065 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

32c2 single mating end

**Contact Removability:**

Removable single mating end all contact groupings

**Polarization Method:**

Mating end and 3 polarization posts

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Gold single mating end all contact groupings

**Insert Material:**

Plastic diallyl phthalate glass filled single mating end or plastic epoxy single mating end or plastic phenolic single mating end

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Crimp single mating end all contact groupings

## Guide Design And Location:

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

## Shell Material:

Aluminum alloy

## Shell Surface Treatment:

Nickel

## Shell Surface Treatment Specification:

Mil-c-26074 military specification single treatment response

## Insert Material Specification:

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

## Included Contact Quantity:

30 single mating end 2nd contact grouping

## Included Contact Type:

Round pin single mating end 2nd contact grouping

## Precious Material And Location:

Contact surfaces gold

## Precious Material And Weight:

0.040 gold grains, troy

## Precious Material:

Gold

## Test Data Document:

81349-mil-c-81659 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

## Specification Data:

81349-mil-c-81659/31 government specification

## Shelf Life:

N/a

## Unit Of Measure:

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## Demilitarization:

No

## Fiig:

A039b0

## Mil-std (military Standard):

Mil-g-45204 spec.