## NSN 5935-01-306-2380

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View Online at https://aerobasegroup.com/nsn/5935-01-306-2380 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, flange mount, external coupling **Overall Length:** 1.968 inches **Overall Height:** Between 1.344 inches and 1.406 inches **Overall Width:** Between 1.344 inches and 1.406 inches **Environmental Protection:** Moisture proof and salt water resistant and vibration proof and cold resistant and heat resistant and thermal shock resistant and shock **Unthreaded Mounting Hole Diameter:** Between 0.115 inches and 0.130 inches Center To Center Distance Between Mounting Facilities Parallel To Height: Between 1.057 inches and 1.067 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 1.057 inches and 1.067 inches **Distance From Mounting Shoulder To Front Face:** Between 0.750 inches and 0.781 inches **Threaded Device Type:** Coupling facility **Mating End Quantity: Contact Position Arrangement Style:** 18-10 single mating end **Contact Removability:** Nonremovable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 41.0 single mating end single contact grouping **Contact Maximum Ac Voltage Rating In Volts:** 500.0 single mating end single contact grouping **Contact Maximum Dc Voltage Rating In Volts:** 

700.0 single mating end single contact grouping

**Polarization Method:** 

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Potting

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#### **Connector Locking Method:**

Externally threaded shell

**Connector Cable Strain Relief Method:** 

Potting type

Thread Length:

0.625 inches

#### **Operating Tempurature Rating:**

Between -55.0 degrees celsius and 125.0 degrees celsius

**Features Provided:** 

Pre-tinned terminal

Thready Qty Per Inch (tpi):

18

**Thread Size:** 

1.125 inches

**Terminal Location:** 

Back 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 and nickel single mating end single contact grouping

**Insert Material:** 

Rubber single mating end

#### **Contact Surface Treatment Specification:**

Mil-g-45204, type 1, gr b military specification 1st treatment response single mating end single contact grouping and qq-n-290, cl 1, gr b federal specification 2nd treatment response single mating end single contact grouping

**Terminal Type:** 

Solder well single mating end single 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

**Included Contact Quantity:** 

4 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:**

0.020 gold grains, troy

**Precious Material:** 

Gold

#### **Test Data Document:**

81349-mil-c-5015 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification

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Thread Series Designator:
Unef
Specification Data:
96906-ms3103 government standard
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A039b0
Mil-std (military Standard):

Mil-g-45204 spec.