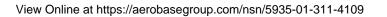
Electrical Plug Connector - Page 1 of 3





#### **Thread Class:**

2b

**Thread Direction:** 

Right-hand

## **Body Style:**

Angle shape w/cable clamp

## **Overall Diameter:**

2.962 inches

## Body Angle In Deg:

135.0

#### **Environmental Protection:**

Moisture proof and salt water resistant and vibration proof and shock resistant and cold resistant and heat resistant and explosion proof

#### **Cable Entrance Diameter:**

Between 1.250 inches and 1.625 inches

#### **Threaded Device Type:**

Coupling facility

#### Mating End Quantity:

1

## **Contact Position Arrangement Style:**

44-52 single mating end

## **Contact Removability:**

Removable single mating end single contact grouping

## **Contact Maximum Current Rating In Amps:**

22.0 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:**

135.0

#### Shell Type:

Solid

## Connector Locking Method:

Internally threaded coupling ring

# **Connector Cable Strain Relief Method:**

Cable clamp

# Distance From Centerline To Connector End:

3.875 inches

# Distance From Centerline To Cable End:

4.625 inches

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**Operating Tempurature Rating:** 

Between -55.0 degrees celsius and 175.0 degrees celsius

Thready Qty Per Inch (tpi):

16

Thread Size:

2.750 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

## **Insert Material:**

Rubber silicone class q single mating end

## **Contact Surface Treatment Specification:**

Mil-g-45204 military specification single treatment response single mating end single contact grouping

## **Terminal Type:**

Crimp single mating end single contact grouping

## Shell Material:

Aluminum

Shell Surface Treatment:

Cadmium and chromate and nickel

## Shell Surface Treatment Specification:

Qq-p-416, type 2, cl 3 federal specification 1st treatment response and qq-p-416, type 2, cl 3 federal specification 2nd treatment response

Included Contact Quantity:

104 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:** 

0.104 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 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.).

Thread Series Designator:

Un

## **Specification Data:**

96906-ms3409 government standard

Shelf Life:

N/a

Unit Of Measure:

# NSN 5935-01-311-4109

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.