# NSN 5935-01-332-6551

Electrical Plug Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-332-6551 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, internal coupling **Overall Length:** 1.420 inches **Overall Diameter:** 1.043 inches **Environmental Protection:** Moisture proof and salt water resistant and vibration proof and thermal shock resistant and corrosion resistant **Threaded Device Type:** Back shell **Mating End Quantity: Contact Position Arrangement Style:** 8-dec single mating end **Contact Removability:** Removable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 1000.0 single mating end single contact grouping **Polarization Method:** Key, multiple key groove **Insert Position In Deg:** 270.0 Shell Type: Solid **Connector Locking Method:** Bayonet slot Thread Length: 0.290 inches **Operating Tempurature Rating:** Between -55.0 degrees celsius and 200.0 degrees celsius Thready Qty Per Inch (tpi): 20 **Thread Size:** 0.750 inches

Contact Material:

**Terminal Location:** 

Copper alloy single mating end single contact grouping

Back single mating end single contact grouping

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

Gold single mating end single contact grouping and nickel 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 1st treatment response single mating end single contact grouping and qq-n-290, cl 2 federal specification 2nd treatment response single mating end single contact grouping

#### **Terminal Type:**

Crimp single mating end single contact grouping

### **Shell Material:**

Aluminum alloy 6061 or aluminum alloy 380.0 or aluminum alloy a380.0

## **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-367, type 6 federal specification 1st material response or qq-a-591 federal specification 2nd material response or qq-a-591 federal specification 3rd material response

#### **Included Contact Quantity:**

8 single mating end single contact grouping

## **Included Contact Type:**

Round socket single mating end single contact grouping

## **Special Features:**

In order to complete the connector assembly, the user must obtain/provide the backshell. Standard versions may be ordered as nsn 5935-01-184-7189, p/n m85049/52-1-12w for the straight style, or nsn 5935-01-181-6652, p/n m85049/51-1-12w for the right angle style

### **Precious Material And Location:**

Contact surfaces gold

## **Precious Material And Weight:**

0.008 gold grains, troy

#### **Precious Material:**

Gold

## **Test Data Document:**

81349-mil-c-26482 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:**

Unef

## Specification Data:

96906-ms3475 government standard

## Shelf Life:

N/a

## Unit Of Measure:

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## **Demilitarization:**

No