# NSN 5935-01-331-1007

Electrical Receptacle Connector - Page 1 of 2



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**Thread Class:** 

2a and 2a

**Thread Direction:** 

Right-hand and right-hand

**Body Style:** 

Straight shape, external coupling

**Overall Length:** 

1.400 inches

**Overall Diameter:** 

Between 0.254 inches and 0.274 inches

**Environmental Protection:** 

Corrosion resistant and vibration resistant and moisture resistant and thermal shock resistant

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

Between 0.440 inches and 0.460 inches

**Mounting Facility Thickness:** 

0.125 inches

**Threaded Device Type:** 

Coupling facility and mounting bushing

**Mating End Quantity:** 

1

**Contact Position Arrangement Style:** 

Nonstd single mating end

**Contact Removability:** 

Nonremovable single mating end single contact grouping

Shell Type:

Solid

**Connector Locking Method:** 

Externally threaded shell

**Connector Cable Strain Relief Method:** 

Shrinkable tubing

Radio Frequency Type Contact Characteristic Impedance In Ohms:

50.0 single mating end single contact grouping

**Operating Tempurature Rating:** 

Between -62.0 degrees celsius and 125.0 degrees celsius

Thready Qty Per Inch (tpi):

36 and 36

**Thread Size:** 

0.190 inches and 0.190 inches

**Terminal Location:** 

Back single mating end single contact grouping

**Contact Material:** 

Copper alloy single mating end single contact grouping

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

Gold single mating end single contact grouping and copper single mating end single contact grouping

#### **Insert Material:**

Plastic polytetrafluoroethylene single mating end

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

Mil-g-45204, type 2, cl 1 military specification 1st treatment response single mating end single contact grouping and mil-c-14550 military specification 2nd treatment response single mating end single contact grouping

#### **Terminal Type:**

Solder well single mating end single contact grouping

#### **Contact Material Specification:**

Qq-c-530, 1/2 hard federal specification single material response single mating end single contact grouping

#### **Shell Material:**

Steel comp 303

### **Shell Surface Treatment:**

Gold and nickel

### **Shell Surface Treatment Specification:**

Mil-g-45204, type 2, grade c military specification 1st treatment response and qq-n-290 federal specification 2nd treatment response

## **Shell Material Specification:**

Qq-s-764, cond a federal specification single material response

#### **Insert Material Specification:**

Mil-p-19468 military specification single material response single mating end

## **Included Contact Quantity:**

1 single mating end single contact grouping

#### **Bushing Accommodation Hole Shape:**

Round

### **Included Contact Type:**

Coaxial socket single mating end single contact grouping

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

Contact and shell surfaces gold

# **Precious Material And Weight:**

0.105 gold grains, troy

#### **Precious Material:**

Gold

# **Thread Series Designator:**

Uns and uns

## Shelf Life:

N/a

#### **Unit Of Measure:**

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### Demilitarization:

No

# Fiig:

A039b0

### Mil-std (military Standard):

Mil-g-45204 spec.