# NSN 5935-00-902-2845

Electrical Plug Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-902-2845

**Thread Class:** 2a and 2b **Thread Direction:** Right-hand and right-hand **Body Style:** 

Straight shape, external coupling w/strain relief

**Overall Length:** 

Between 1.548 inches and 1.609 inches

Diameter:

Between 1.480 inches and 1.521 inches

**Overall Diameter:** 

Between 1.480 inches and 1.521 inches

**Environmental Protection:** 

Moisture resistant and vibration resistant

**Cable Entrance Diameter:** 

Between 1.058 inches and 1.073 inches

**Threaded Device Type:** 

Back shell and coupling facility

**Mating End Quantity:** 

**Contact Position Arrangement Style:** 

20-22 single mating end

**Contact Removability:** 

Removable single mating end 2nd contact grouping

**Contact Maximum Current Rating In Amps:** 

73.0 single mating end 2nd contact grouping

**Contact Maximum Ac Voltage Rating In Volts:** 

500.0 single mating end 2nd contact grouping

**Contact Maximum Dc Voltage Rating In Volts:** 

700.0 single mating end 1st contact grouping

**Polarization Method:** 

Keyway or multiple keyway

**Insert Position In Deg:** 

0.0

**Shell Type:** 

Solid

**Connector Locking Method:** 

Externally threaded shell

Thready Qty Per Inch (tpi):

16 and 18

**Thread Size:** 

1.250 inches and 1.500 inches

# NSN 5935-00-902-2845

Electrical Plug Connector - Page 2 of 2



	_					
1	Γerm	ina		000	ti 🔿	n.
ı		ша	L		ILIO	

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:**

Rubber single mating end

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

Mil-g-45204, type 2 class 1 military specification 1st treatment response single mating end all contact groupings and mil-g-45204, type 2, class 2 military specification 2nd treatment response single mating end all contact groupings

#### **Terminal Type:**

Solder well single mating end all contact groupings

#### **Shell Material:**

Aluminum alloy

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

Cadmium

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

3 single mating end 2nd contact grouping

#### **Included Contact Type:**

Round pin single mating end all contact groupings

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

Contact surfaces gold

#### **Precious Material And Weight:**

0.030 gold grains, troy

#### **Precious Material:**

Gold

### **Test Data Document:**

81349-mil-c-22992 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:**

Double stub and unef

# **Specification Data:**

96906-ms17345 government standard

## Shelf Life:

N/a

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

### Demilitarization:

No

# Fiig:

A039b0

## Mil-std (military Standard):

Mil-g-45204 spec.