# NSN 5935-01-170-5776

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-170-5776

**Thread Class:** 

2a and 2a

**Thread Direction:** 

Right-hand and right-hand

**Body Style:** 

Straight shape, external coupling

**Overall Length:** 

2.062 inches

**Overall Height:** 

Between 2.118 inches and 2.158 inches

**Overall Width:** 

Between 2.118 inches and 2.158 inches

**Environmental Protection:** 

Thermal shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:** 

Between 0.142 inches and 0.157 inches

**Center To Center Distance Between Mounting Facilities Parallel To Height:** 

1.568 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.568 inches

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

Between 0.878 inches and 0.898 inches

**Threaded Device Type:** 

Back shell and coupling facility

**Mating End Quantity:** 

1

**Contact Position Arrangement Style:** 

H01 single mating end

Contact Removability:

Removable single mating end single contact grouping

**Polarization Method:** 

Keyway or multiple keyway

Insert Position In Deg:

49.0 and 169.0 and 200.0 and 244.0

Shell Type:

Solid

**Connector Locking Method:** 

Externally threaded shell

Thready Qty Per Inch (tpi):

16 and 10

Thread Size:

1.875 inches and 1.812 inches

# NSN 5935-01-170-5776

Electrical Receptacle Connector - Page 2 of 2



_						
10	rm	ina	 $\sim$	~at	ın	n.

Back single mating end single contact grouping

### **Contact Material:**

Copper alloy single mating end single contact grouping

## **Contact Surface Treatment:**

Silver single mating end single contact grouping

### **Insert Material:**

Plastic fluorosilicone single mating end

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

Qq-s-365 federal specification single treatment response single mating end single contact grouping

### **Terminal Type:**

Crimp single mating end single contact grouping

### **Shell Material:**

Aluminum alloy

### **Shell Surface Treatment:**

Cadmium and nickel

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

Qq-p-416, type 2, class 3 military specification 1st treatment response

### **Included Contact Quantity:**

121 single mating end single contact grouping

### **Included Contact Type:**

Round pin single mating end single contact grouping

# **Precious Material And Location:**

Contact surfaces silver

# **Precious Material And Weight:**

0.121 silver grains, troy

### **Precious Material:**

Silver

### **Test Data Document:**

81349-mil-c-28840 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 and double stub

### **Specification Data:**

81349-mil-c-28840/10 government specification

### Shelf Life:

N/a

### **Unit Of Measure:**

--

# Demilitarization:

No

### Fiig:

A039b0

## Mil-std (military Standard):