# NSN 5935-01-303-4753

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-303-4753 **Thread Class:** 2b **Thread Direction:** Right-hand **Body Style:** Straight type **Overall Length:** Between 5.490 inches and 5.510 inches **Overall Height:** Between 0.957 inches and 1.017 inches **Overall Width:** Between 0.440 inches and 0.450 inches **Environmental Protection:** Thermal shock resistant and humidity resistant and corrosion resistant and vibration resistant and fungus resistant **Distance Between Mounting Facility Centers:** Between 5.095 inches and 5.105 inches **Threaded Device Type:** Mounting hole **Mating End Quantity: Contact Position Arrangement Style:** 2 rows of contacts non-inserted board single mating end **Contact Removability:** Nonremovable single mating end single contact grouping **Polarization Method:** Guide pin/socket Shell Type: Solid **Connector Locking Method:** Friction Thready Qty Per Inch (tpi): **Thread Size:** 0.112 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 and nickel single mating end single contact grouping

**Insert Material:** 

Plastic polyamide single mating end

# NSN 5935-01-303-4753

Electrical Receptacle Connector - Page 2 of 2



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

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

### **Terminal Type:**

Wire wrap single mating end single contact grouping

# **Contact Material Specification:**

Qq-c-533 federal specification single material response single mating end single contact grouping

### **Guide Design And Location:**

D shape pin left-hand top at 12 oclock and d shape pin right-hand top at 12 oclock

### **Shell Material:**

Aluminum alloy 6061

### **Shell Surface Treatment:**

Anodize

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

Mil-a-8625, type 2 or type 3, cl 2 military specification single treatment response

### **Shell Material Specification:**

Qq-a-200 federal specification single material response

# **Insert Material Specification:**

Mil-p-20693, type 1 military specification single material response single mating end

### **Included Contact Quantity:**

80 single mating end single contact grouping

### **Included Contact Type:**

Hermaphrodite single mating end single contact grouping

# Color:

Natural

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

Contact surfaces gold

# **Precious Material And Weight:**

0.080 gold grains, troy

# **Precious Material:**

Gold

#### **Thread Series Designator:**

Unc

# **Specification Data:**

81205-400-11216 manufacturers source control

# Shelf Life:

N/a

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

# **Demilitarization:**

No

# Fiig:

A039b0

### Mil-std (military Standard):

Mil-g-45204 spec.