Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-761-6748

## **Body Style:**

Straight shape, rectangular

## **Overall Length:**

1.180 inches

## **Overall Height:**

1.860 inches

**Overall Width:** 

2.875 inches

#### **Environmental Protection:**

Humidity resistant and shock resistant and thermal shock resistant and vibration resistant

## **Unthreaded Mounting Hole Diameter:**

### 0.149 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

#### 1.760 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

### 2.500 inches

Mating End Quantity:

1

## **Contact Position Arrangement Style:**

158 single mating end

## Contact Removability:

Removable single mating end single contact grouping

## **Contact Maximum Current Rating In Amps:**

13.0 single mating end single contact grouping

## **Polarization Method:**

Polarization boss and shell

#### Shell Type:

Solid

#### **Connector Locking Method:**

Screw lock pin

#### **Terminal Location:**

Back single mating end single contact grouping

# **Contact Surface Treatment:**

Gold single mating end single contact grouping

# Insert Material:

Plastic diallyl phthalate single mating end

# Contact Surface Treatment Specification:

Mil-g-45294, type 1, grade c military specification single treatment response single mating end single contact grouping

# **Terminal Type:**

Crimp single mating end single contact grouping

## Shell Material:

Aluminum alloy

# NSN 5935-00-761-6748

Electrical Receptacle Connector - Page 2 of 2



Shell Surface Treatment:

## Cadmium

Shell Surface Treatment Specification:

Qq-p-416, type 2, cl 1 federal specification single treatment response

## Insert Material Specification:

Mil-m-19833, type gdi-30f military specification single material response single mating end

Shell Guide Type And Location Designator:

C pin

## **Included Contact Quantity:**

158 single mating end single contact grouping

## **Included Contact Type:**

Round pin single mating end single contact grouping

## **Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:** 

0.158 gold grains, troy

### **Precious Material:**

Gold

### **Test Data Document:**

81349-mil-c-28748 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.).

## **Specification Data:**

81349-mil-c-28748/9 government specification

Shelf Life:

N/a

Unit Of Measure:

---

## Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45294 spec.