# NSN 5935-00-549-1589

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-549-1589 **Thread Class:** 2b **Thread Direction:** Right-hand **Body Style:** Straight shape **Overall Length:** Between 2.073 inches and 2.103 inches **Overall Height:** 0.683 inches **Overall Width:** Between 0.479 inches and 0.509 inches **Environmental Protection:** Vibration resistant and shock resistant and moisture resistant and corrosion resistant and salt spray proof **Distance Between Mounting Facility Centers:** Between 1.847 inches and 1.857 inches **Threaded Device Type:** Mounting hole **Mating End Quantity: Contact Position Arrangement Style:** 15 single mating end **Contact Removability:** Nonremovable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 5.0 single mating end single contact grouping **Polarization Method:** Mating end Shell Type: Solid **Connector Locking Method: Operating Tempurature Rating:** Between -55.0 degrees celsius and 140.0 degrees celsius 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

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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 diallyl phthalate glass filled single mating end

## **Contact Surface Treatment Specification:**

Mil-g-45204, type ii, class i military specification 1st treatment response single mating end single contact grouping and mil-g-45204, type i military specification 1st treatment response single mating end single contact grouping and mil-c-14550, class 4 military specification 2nd treatment response single mating end single contact grouping

### **Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:** 

Steel

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

Cadmium and chromate

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

Qq-p-416, type ii, class 2 federal specification all treatment responses

### **Shell Material Specification:**

Qq-s-698, temper t5 federal specification single material response

### **Insert Material Specification:**

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

### **Included Contact Quantity:**

15 single mating end single contact grouping

## **Included Contact Type:**

Round socket single mating end single contact grouping

## **Precious Material And Location:**

Contact surfaces gold

## **Precious Material And Weight:**

0.015 gold grains, troy

**Precious Material:** 

Gold

**Thread Series Designator:** 

Unc

Shelf Life:

N/a

**Unit Of Measure:** 

**Demilitarization:** 

Nο

Fiig:

A039b0

# Mil-std (military Standard):

Mil-g-45204 spec.