# NSN 5935-01-317-6529

Electrical Receptacle Connector - Page 1 of 2

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**Thread Class:** 2a and 2b **Thread Direction:** Right-hand **Body Style:** Rectangular shape **Overall Length:** Between 2.708 inches and 2.728 inches Center To Center Distance Between Mounting Facilities Parallel To Length: Between 2.273 inches and 2.289 inches **Overall Height:** 1.531 inches **Overall Width:** Between 1.224 inches and 1.244 inches **Environmental Protection:** Humidity resistant and shock resistant and thermal shock resistant and vibration resistant **Unthreaded Mounting Hole Diameter:** Between 0.115 inches and 0.121 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 0.761 inches and 0.771 inches **Threaded Device Type:** Coupling facility **Mating End Quantity: Contact Position Arrangement Style:** 75 single mating end **Contact Removability:** Removable single mating end single contact grouping **Polarization Method:** Jackscrew **Connector Locking Method:** Jackscrew-socket **Operating Tempurature Rating:** Between -55.0 degrees celsius and 125.0 degrees celsius Thready Qty Per Inch (tpi): 32 **Thread Size:** 0.138 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 nickel single mating end single contact grouping

#### **Insert Material:**

Plastic diallyl phthalate glass filled single mating end

# **Contact Surface Treatment Specification:**

Mil-g-45204, type 1, grade c, cl 1 military specification 1st treatment response single mating end single contact grouping and qq-n-290, cl 2 federal specification 2nd treatment response single mating end single contact grouping

### **Terminal Type:**

Crimp single mating end single contact grouping

#### **Contact Material Specification:**

Qq-c-530 federal specification single material response single mating end single contact grouping or qq-c-533 federal specification single material response single mating end single contact grouping

#### **Insert Material Specification:**

Mil-m-14, ty sdg-f military specification single material response single mating end or mil-p-19833, ty gdi-30f military specification single material response single mating end

#### **Unable To Decode:**

Unable to decode and unable to decode

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

75 single mating end single contact grouping

## **Included Contact Type:**

Round socket single mating end single contact grouping

# **Special Features:**

Jackscrew type-female and location-right handandjackscrew type-male and location-left hand

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

Contact surfaces gold

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

0.075 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.).

# **Thread Series Designator:**

Unc

### **Specification Data:**

81349-mil-c-28748/4 government specification

# Shelf Life:

N/a

# **Unit Of Measure:**

# **Demilitarization:**

No

# Fiig:

A039b0