# NSN 5935-01-126-2451

Electrical Receptacle Connector - Page 1 of 2



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**Body Style:** 

Straight edge type w/mounting flange

**Overall Length:** 

4.150 inches

**Overall Height:** 

Between 0.245 inches and 0.265 inches

**Overall Width:** 

Between 0.233 inches and 0.247 inches

**Environmental Protection:** 

Humidity resistant and salt water resistant and shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:** 

Between 0.079 inches and 0.084 inches

**Distance Between Mounting Facility Centers:** 

4.000 inches

**Board Accommodated Length:** 

3.700 inches single board

**Board Accommodated Width:** 

0.050 inches

**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

**Contact Maximum Current Rating In Amps:** 

5.0 single mating end single contact grouping

**Contact Maximum Ac Voltage Rating In Volts:** 

1000.0 single mating end single contact grouping

**Polarization Method:** 

Guide pin/socket

**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 diallyl phthalate single mating end

**Contact Surface Treatment Specification:** 

Mil-g-45204, type 2, 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

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**Terminal Type:** 

Pin single mating end single contact grouping

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# **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 materia

# **Insert Material Specification:**

Mil-m-14 military specification single material response single mating end or mil-p-19833 military specification single material response single mating end

## **Unable To Decode:**

Unable to decode and unable to decode

## **Included Contact Quantity:**

77 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:**

0.077 gold grains, troy

#### **Precious Material:**

Gold

#### **Test Data Document:**

81349-mil-c-55302 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-55302/6 government specification

# Shelf Life:

N/a

# **Unit Of Measure:**

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# Demilitarization:

No

# Fiig:

A039b0

# Mil-std (military Standard):

Mil-g-45204 spec.