# NSN 5935-01-393-8672

Electrical Receptacle Connector - Page 1 of 2



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**Body Style:** 

Straight shape

**Overall Length:** 

Between 0.905 inches and 0.940 inches

**Overall Height:** 

Between 0.984 inches and 1.016 inches

**Overall Width:** 

Between 1.984 inches and 2.016 inches

**Unthreaded Mounting Hole Diameter:** 

0.093 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

0.500 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.780 inches

**Distance From Mounting Shoulder To Front Face:** 

Between 0.290 inches and 0.362 inches

**Mating End Quantity:** 

1

**Contact Position Arrangement Style:** 

29c1 single mating end

**Contact Removability:** 

Nonremovable single mating end single contact grouping

**Polarization Method:** 

Mating end

Shell Type:

Solid

**Connector Locking Method:** 

Friction

**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 silver single mating end single contact grouping

**Insert Material:** 

Plastic diallyl phthalate single mating end

**Contact Surface Treatment Specification:** 

Mil-g-45204 military specification 1st treatment response single mating end single contact grouping and qq-s-365 federal specification 2nd treatment response single mating end single contact grouping

**Terminal Type:** 

Crimp single mating end single contact grouping

**Shell Material:** 

Aluminum alloy

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

Cadmium and chromate

# **Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification all treatment responses

# **Shell Material Specification:**

Qq-a-591, comp 10 federal specification single material response

# **Insert Material Specification:**

Mil-m-19833, ty dgi-30f military specification single material response single mating end

# **Included Contact Quantity:**

28 single mating end single contact grouping

#### **Included Contact Type:**

Round socket single mating end single contact grouping

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

Contact surfaces gold and contact surfaces silver

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

0.028 gold grains, troy and 0.028 silver grains, troy

#### **Precious Material:**

Gold and silver

Shelf Life:

Unit Of Measure:

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N/a

Demilitarization:

No

Fiig:

A039b0

# Mil-std (military Standard):

Mil-g-45204 spec.