# NSN 5935-01-309-9687

Electrical Receptacle Connector - Page 1 of 2



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**Body Style:** 

Right angle type

**Overall Length:** 

Between 3.331 inches and 3.361 inches

**Overall Height:** 

Between 0.730 inches and 0.770 inches

**Overall Width:** 

Between 0.360 inches and 0.390 inches

**Environmental Protection:** 

Shock resistant and vibration resistant and corrosion resistant and humidity resistant and fungus resistant

**Unthreaded Mounting Hole Diameter:** 

Between 0.151 inches and 0.161 inches

**Distance Between Mounting Facility Centers:** 

Between 2.990 inches and 3.010 inches

**Mating End Quantity:** 

1

#### **Contact Position Arrangement Style:**

1 row of contacts non-inserted board single mating end

**Contact Removability:** 

Nonremovable single mating end single contact grouping

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

7.5 single mating end single contact grouping

**Polarization Method:** 

Mating end

Shell Type:

Solid

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

Friction

#### **Operating Tempurature Rating:**

Between -65.0 degrees celsius and 125.0 degrees celsius

**Terminal Location:** 

Side 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 copper single mating end single contact grouping

**Insert Material:** 

Plastic diallyl phthalate glass filled single mating end

## **Contact Surface Treatment Specification:**

Mil-g-45204 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:**

Pin single mating end single contact grouping

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# **Contact Material Specification:**

Mil-g-45204 spec.

rouping or qq-b-750 federal specification single tion single material response single mating end

Qq-b-626 federal specification single material response single mating end single contact grouping of
material response single mating end single contact grouping or qq-c-530 federal specification single
single contact grouping
Shell Material:
Aluminum alloy
Shell Surface Treatment:
Cadmium
Shell Surface Treatment Specification:
Qq-p-416 federal specification single treatment response
Shell Material Specification:
Qq-a-591 federal specification single material response
Insert Material Specification:
Mil-m-14, type sdg-f or 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 pin 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
Shelf Life:
N/a
Unit Of Measure:
<del></del>
Demilitarization:
No
Fiig:
A039b0
Mil-std (military Standard):