# NSN 5935-00-503-9218

Electrical Receptacle Connector - Page 1 of 2



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Body Style:
Straight shape
Overall Length:
1.511 inches
Overall Height:
3.111 inches
Overall Width:
2.001 inches
Environmental Protection:
Humidity resistant and salt water resistant and shock resistant and thermal shock resistant and vibration resistant
Unthreaded Mounting Hole Diameter:
0.112 inches
Center To Center Distance Between Mounting Facilities Parallel To Height:
2.783 inches
Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:
1.437 inches
Distance From Mounting Shoulder To Front Face:
0.766 inches
Mating End Quantity:
2
Contact Position Arrangement Style:
"106, a106" all mating ends
Contact Removability:
Removable all mating ends single contact grouping
Contact Maximum Ac Voltage Rating In Volts:
400.0 all mating ends single contact grouping
Polarization Method:
3 polarization posts
Shell Type:
Solid
Connector Locking Method:
Friction
Operating Tempurature Rating:
Between -54.2 degrees celsius and 125.0 degrees celsius
Terminal Location:
Back all mating ends single contact grouping
Contact Material:
Copper alloy all mating ends single contact grouping
Contact Surface Treatment:
Gold all mating ends single contact grouping
Insert Material:

Plastic all mating ends

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#### **Contact Surface Treatment Specification:**

Mil-g-45204, type 1, grade c, class 1 military specification single treatment response all mating ends single contact grouping

#### **Terminal Type:**

Crimp all mating ends single contact grouping

#### **Guide Design And Location:**

Hexagon shape male post left-hand at 12 oclock

**Shell Material:** 

Aluminum alloy

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

Cadmium and chromate

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

Qq-p-416, type ii, class 3 federal specification all treatment responses

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

106 all mating ends single contact grouping

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

Round pin all mating ends single contact grouping

#### **Special Features:**

Float mount

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

Contact surfaces gold

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

0.212 gold grains, troy

#### **Precious Material:**

Gold

Shelf Life:

N/a

**Unit Of Measure:** 

#### Demilitarization:

No

Fiig: A039b0

### Mil-std (military Standard):

Mil-g-45204 spec.