## NSN 5935-00-946-9186

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-946-9186

**Body Style:** 

Straight shape, flush mount

**Overall Length:** 

Between 1.548 inches and 1.578 inches

**Overall Height:** 

Between 3.060 inches and 3.090 inches

**Overall Width:** 

Between 1.985 inches and 2.015 inches

**Environmental Protection:** 

Corrosion resistant and moisture proof and shock resistant and vibration resistant

**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:** 

0.060 inches

**Mating End Quantity:** 

2

**Contact Position Arrangement Style:** 

40c1 all mating ends

**Contact Removability:** 

Removable all mating ends all contact groupings

**Contact Maximum Current Rating In Amps:** 

5.0 2nd mating end 2nd contact grouping

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

750.0 2nd mating end 2nd contact grouping

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

150.0 2nd mating end 1st contact grouping

**Polarization Method:** 

2 polarization posts

Shell Type:

Solid

**Terminal Location:** 

Back all mating ends all contact groupings

**Contact Material:** 

Copper alloy all mating ends all contact groupings

**Contact Surface Treatment:** 

Gold all mating ends all contact groupings and silver all mating ends all contact groupings

**Insert Material:** 

Plastic diallyl phthalate all mating ends

**Terminal Type:** 

Solder well all mating ends all contact groupings

NSN 5935-00-946-9186 Electrical Receptacle Connector - Page 2 of 2



Shell Material:
Aluminum alloy
Shell Surface Treatment:
Cadmium
Shell Surface Treatment Specification:
Qq-p-416, type 2, cl 3 federal specification single treatment response
Insert Material Specification:
Mil-m-19833, type gdi-30f military specification single material response all mating ends
Precious Material And Location:
Contact surface gold and contact surface silver
Precious Material And Weight:
0.083 gold grains, troy and 0.083 silver grains, troy
Precious Material:
Gold and silver
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A039b0
Mil-std (military Standard):
Mil-m-19833 spec.