# NSN 5935-01-313-3313

Electrical Receptacle Connector - Page 1 of 3



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**Thread Class:** 

2a and 2a

**Thread Direction:** 

Right-hand and right-hand

**Body Style:** 

Straight shape, external coupling

**Overall Length:** 

2.031 inches

**Overall Height:** 

Between 1.157 inches and 1.219 inches

**Overall Width:** 

Between 1.157 inches and 1.219 inches

**Environmental Protection:** 

Moisture proof and salt water resistant and vibration proof and shock resistant and cold resistant and heat resistant and explosion proof

**Unthreaded Mounting Hole Diameter:** 

Between 0.145 inches and 0.160 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

0.906 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

0.906 inches

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

Between 0.562 inches and 0.593 inches

**Threaded Device Type:** 

Back shell and coupling facility

**Mating End Quantity:** 

1

**Contact Position Arrangement Style:** 

14s-5 single mating end

Contact Removability:

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:** 

22.0 single mating end single contact grouping

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

200.0 single mating end single contact grouping

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

250.0 single mating end single contact grouping

**Polarization Method:** 

Keyway or multiple keyway

**Insert Position In Deg:** 

0.0

Shell Type:

Solid

# NSN 5935-01-313-3313

Electrical Receptacle Connector - Page 2 of 3



## **Connector Locking Method:**

Externally threaded shell

## Thread Length:

0.290 inches

## **Operating Tempurature Rating:**

Between -55.0 degrees celsius and 175.0 degrees celsius

## Thready Qty Per Inch (tpi):

20 and 20

#### **Thread Size:**

0.875 inches and 0.875 inches

#### **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:**

Rubber silicone class q 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

## **Terminal Type:**

Crimp single mating end single contact grouping

## Shell Material:

Stainless steel

#### **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-s-763 federal specification single material response

## **Included Contact Quantity:**

5 single mating end single contact grouping

## **Included Contact Type:**

Round socket single mating end single contact grouping

## **Special Features:**

In order to complete the connector assembly, the user must obtain/provide the backshell. Standard versions may be ordered as nsn 5935-01-163-3224, p/n m85049/52-1-14w for the straight style, or nsn 5935-01-186-5612, p/n m85049/51-1-14w for the right angle style

## **Precious Material And Location:**

Contact surfaces gold

## **Precious Material And Weight:**

0.005 gold grains, troy

## **Precious Material:**

Gold

## **Test Data Document:**

# NSN 5935-01-313-3313

Electrical Receptacle Connector - Page 3 of 3



Thread Series Designator:
Unef and unef
Specification Data:
96906-ms3450 government standard
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A039b0
Mil-std (military Standard):

Mil-g-45204 spec.