Electrical Receptacle Connector - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5935-01-311-4119

| Thread Class:   |
|---|
| 2a  |
| Thread Direction:   |
| Right-hand  |
| Body Style:   |
| Straight shape, external coupling   |
| Overall Length:   |
| 1.938 inches  |
| Overall Height:   |
| Between 1.344 inches and 1.406 inches   |
| Overall Width:  |
| Between 1.344 inches and 1.406 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 0.115 inches and 0.130 inches   |
| Center To Center Distance Between Mounting Facilities Parallel To Height:   |
| Between 1.057 inches and 1.067 inches   |
| Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:   |
| Between 1.057 inches and 1.067 inches   |
| Distance From Mounting Shoulder To Front Face:  |
| Between 0.750 inches and 0.781 inches   |
| Threaded Device Type:   |
| Coupling facility   |
| Mating End Quantity:  |
| 1   |
| Contact Position Arrangement Style:   |
| 18-3 single mating end  |
| Contact Removability:   |
| Nonremovable single mating end single contact grouping  |
| Contact Maximum Current Rating In Amps:   |
| 41.0 single mating end single contact grouping  |
| Contact Maximum Ac Voltage Rating In Volts:   |
| 900.0 single mating end single contact grouping   |
| Contact Maximum Dc Voltage Rating In Volts:   |
| 1250.0 single mating end single contact grouping  |
| Polarization Method:  |
| Keyway or multiple keyway   |
| Insert Position In Deg:   |
| 0.0   |
| Shell Type:   |
| Solid   |
|   |

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**Connector Locking Method:** 

Externally threaded shell

# **Operating Tempurature Rating:**

Between -55.0 degrees celsius and 125.0 degrees celsius

# Thready Qty Per Inch (tpi):

18

## Thread Size:

1.125 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 single mating end

## **Contact Surface Treatment Specification:**

Mil-g-45204, type 1, grade b military specification 1st treatment response single mating end single contact grouping and qq-n-290, cl 1,

grade b federal specification 2nd treatment response single mating end single contact grouping

### **Terminal Type:**

Solder well single mating end single contact grouping

## Shell Material:

Aluminum alloy

### Shell Surface Treatment:

Cadmium and chromate

## Shell Surface Treatment Specification:

Qq-p-416, type 2, cl 3 federal specification 2nd treatment response

### **Included Contact Quantity:**

2 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:**

0.010 gold grains, troy

### **Precious Material:**

Gold

### **Thread Series Designator:**

Unef

Shelf Life:

N/a

# Unit Of Measure:

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## Demilitarization:

No

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**Fiig:** A039b0

Mil-std (military Standard):

Mil-g-45204 spec.