Electrical Receptacle Connector - Page 1 of 3



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Thread Class:
2a
Thread Direction:
Right-hand
Body Style:
Straight shape, external coupling
Overall Length:
0.714 inches
Environmental Protection:
Thermal shock resistant and vibration resistant and shock resistant and humidity resistant
Cable Entrance Diameter:
0.090 inches
Distance From Mounting Shoulder To Front Face:
Between 0.438 inches and 0.442 inches
Threaded Device Type:
Mounting bushing
Mating End Quantity:
1
Contact Position Arrangement Style:
Smc single mating end
Contact Removability:
Nonremovable single mating end single contact grouping
Contact Maximum Frequency Rating:
18.0 gigahertz single mating end single contact grouping
Shell Type:
Solid
Connector Locking Method:
Friction
Connector Cable Strain Relief Method:
Compression nut
Radio Frequency Type Contact Characteristic Impedance In Ohms:
50.0 single mating end single contact grouping
Thread Length:
0.250 inches
Width Across Flats:
0.250 inches
Operating Tempurature Rating:
Between -55.0 degrees celsius and 125.0 degrees celsius
Thready Qty Per Inch (tpi):
36 Thread Size
Thread Size:
0.250 inches

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## 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 copper single mating end single contact grouping

## Insert Material:

Plastic fluorocarbon single mating end

## Contact Surface Treatment Specification:

Mil-g-45204, type 1, grade c, cl 1 military specification 1st treatment response single mating end single contact grouping and mil-c-14550, cl

4 military specification 2nd treatment response single mating end single contact grouping

# **Terminal Type:**

Solder well single mating end single contact grouping

# **Contact Material Specification:**

Qq-c-530 federal specification single material response single mating end single contact grouping

## Shell Material:

Copper alloy

#### Shell Surface Treatment:

Gold

#### Shell Surface Treatment Specification:

Mil-g-45204 military specification single treatment response

### Shell Material Specification:

Qq-c-530 federal specification single material response

#### Insert Material Specification:

L-p-403 federal specification single material response single mating end

### Included Contact Quantity:

1 single mating end single contact grouping

### Included Contact Type:

Coaxial socket single mating end single contact grouping

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

Contact and body surfaces gold

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

0.105 gold grains, troy

#### **Precious Material:**

Gold

### Thread Series Designator:

Uns

Shelf Life:

N/a

#### Unit Of Measure:

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#### Demilitarization:

No

Fiig:

A039b0



Mil-std (military Standard):

Mil-g-45204 spec.