Electrical Receptacle Connector - Page 1 of 2



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| Thread Class:  |
|--|
| 2a and 2a  |
| Thread Direction:  |
| Right-hand and right-hand                                      |
| Body Style:  |
| Straight shape, external coupling                              |
| Overall Length:  |
| Between 1.537 inches and 1.607 inches                          |
| Overall Diameter:  |
| 0.688 inches   |
| Environmental Protection:                                      |
| Weatherproof and heat resistant and cold resistant             |
| Cable Entrance Diameter:                                       |
| 0.442 inches   |
| Distance From Mounting Shoulder To Front Face:                 |
| 0.778 inches   |
| Mounting Facility Thickness:                                   |
| 0.188 inches   |
| Threaded Device Type:  |
| Coupling facility and mounting bushing                         |
| Mating End Quantity:   |
| 1  |
| Contact Position Arrangement Style:                            |
| Tnc single mating end  |
| Contact Removability:  |
| Removable single mating end single contact grouping            |
| Shell Type:  |
| Solid  |
| Connector Locking Method:                                      |
| Externally threaded shell                                      |
| Connector Cable Strain Relief Method:                          |
| Compression nut  |
| Radio Frequency Type Contact Characteristic Impedance In Ohms: |
| 50.0 single mating end single contact grouping                 |
| Thready Qty Per Inch (tpi):                                    |
| 28 and 28  |
| Thread Size:   |
| 0.438 inches and 0.500 inches                                  |
| Terminal Location:   |
| Back single mating end single contact grouping                 |
| Contact Material:  |
| Copper alloy single mating end single contact grouping         |
|  |

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## **Contact Surface Treatment:**

Gold single mating end single contact grouping and copper alloy single mating end single contact grouping

### Insert Material:

Plastic polytetrafluoroethylene single mating end

# Contact Surface Treatment Specification:

Mil-g-45204, type 2, grade 2 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:**

Crimp single mating end single contact grouping

## **Contact Material Specification:**

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

## Shell Material:

Copper alloy

Shell Surface Treatment:

Silver

Shell Surface Treatment Specification:

Qq-s-365 federal specification single treatment response

**Shell Material Specification:** 

Qq-b-626, comp 22 federal specification single material response

Insert Material Specification:

Mil-p-19468a military specification single material response single mating end

#### Included Contact Quantity:

1 single mating end single contact grouping

#### Included Contact Type:

Coaxial pin single mating end single contact grouping

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

Contact surface gold and body surface silver

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

0.005 gold grains, troy and 0.100 silver grains, troy

#### **Precious Material:**

Gold and silver

#### **Thread Series Designator:**

Unef and unef

#### Shelf Life:

N/a

#### Unit Of Measure:

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#### Demilitarization:

No

Fiig:

A039b0

### Mil-std (military Standard):

Mil-g-45204 spec.