Electrical Plug Connector - Page 1 of 2



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Thread Class:   2a   Phread Direction:   Right-hand   Body Style:   Straight shape, internal coupling   Overall Length:   Between 0.927 inches and 0.947 inches   Overall Diameter:   Between 1.330 inches and 1.350 inches   Environmental Protection:   Moisture resistant and salt water resistant and vibration resistant   Threaded Device Type:   Coupling facility   Mating End Quantity:   1   Contact Position Arrangement Style:   16-55 single mating end   Contact Removability:   Removable single mating end single contact grouping   Polarization Method:   Keyway or multiple keyway   Insert Position In Deg:   24.0 and 135.0 and 199.0 and 240.0   Shell Type:   Solid   Connector Locking Method:   Spring friction   Thready Qty Per Inch (tpi):   28   Thread Size:   1.000 inches   Enrinal Location:   Back single mating end single contact grouping
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Back single mating end single contact grouping Contact Material:
Contact Material:
Copper alloy single mating end single contact grouping
Contact Surface Treatment:
Gold single mating end single contact grouping
Terminal Type:
Crimp single mating end single contact grouping
Shell Material:

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Shell Surface Treatment:

Chromium

## **Shell Material Specification:**

Qq-a-367, comp 6061, t6 federal specification single material response

## **Included Contact Quantity:**

55 single mating end single contact grouping

## Included Contact Type:

Round socket single mating end single contact grouping

## **Precious Material And Location:**

Contact surfaces gold

## **Precious Material And Weight:**

0.055 gold grains, troy

Precious Material:

Gold

#### Test Data Document:

81349-mil-c-81511 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

## **Thread Series Designator:**

Un

Specification Data:

```
81349-mil-c-81511/56 government specification
```

Shelf Life:

N/a

#### Unit Of Measure:

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#### Demilitarization:

No

Fiig:

A039b0