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:**

1.551 inches

**Overall Height:** 

1.570 inches

**Overall Width:** 

1.570 inches

#### **Environmental Protection:**

Vibration resistant and moisture resistant and thermal shock resistant

#### **Unthreaded Mounting Hole Diameter:**

#### Between 0.122 inches and 0.132 inches

#### Center To Center Distance Between Mounting Facilities Parallel To Height:

1.250 inches

#### Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.250 inches

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

0.906 inches

#### Threaded Device Type:

Back shell

#### Mating End Quantity:

1

#### **Contact Position Arrangement Style:**

16-55 single mating end

#### **Contact Removability:**

Nonremovable single mating end single contact grouping

#### **Contact Maximum Current Rating In Amps:**

5.0 single mating end single contact grouping

#### **Polarization Method:**

Keyway or multiple keyway

#### **Insert Position In Deg:**

0.0

Shell Type:

Solid

#### **Connector Locking Method:**

Bayonet pin

#### Thready Qty Per Inch (tpi):

28

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# **Thread Size:** 1.000 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 copper single mating end single contact grouping **Insert Material:** Plastic diallyl phthalate single mating end **Contact Surface Treatment Specification:** Mil-g-45204 military specification 1st 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 federal specification all treatment responses **Shell Material Specification:** Qq-a-367 federal specification single material response **Insert Material Specification:**

Mil-m-14f, ty sdg-f military specification single material response single mating end

# Included Contact Quantity:

55 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:** 

0.055 gold grains, troy

**Precious Material:** 

Gold

Thread Series Designator:

Un

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0



Mil-std (military Standard):

Mil-g-45204 spec.