Electrical Receptacle Connector - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5935-01-229-3950

# Thread Class:

2a

**Thread Direction:** 

Right-hand

#### Body Style:

Straight shape, external coupling strain relief

#### **Overall Length:**

4.938 inches

**Overall Height:** 

1.284 inches

**Overall Width:** 

1.284 inches

**Environmental Protection:** 

Moisture proof and salt water resistant and vibration proof

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

0.120 inches

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

0.969 inches

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

0.969 inches

# Cable Entrance Diameter:

Between 0.350 inches and 0.625 inches

#### **Threaded Device Type:**

Coupling facility

#### Mating End Quantity:

1

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

16s-4 single mating end

#### **Contact Removability:**

Removable single mating end single contact grouping

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

22.0 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



Connector Locking Method:

Externally threaded shell

# **Connector Cable Strain Relief Method:**

Cable clamp

Thread Length:

0.375 inches

# Thready Qty Per Inch (tpi):

20

# 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

#### **Insert Material:**

Rubber synthetic single mating end

# **Contact Surface Treatment Specification:**

Mil-g-45204 military specification single treatment response single mating end single contact grouping

#### **Terminal Type:**

Crimp 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 all treatment responses

# **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:**

0.002 gold grains, troy

# **Precious Material:**

Gold

# Test Data Document:

81349-mil-c-5015 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:**

Unef

# Specification Data:

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Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

# Mil-std (military Standard):

Mil-g-45204 spec.