# NSN 5935-01-049-0061



Electrical Plug Connector - Page 1 of 2 View Online at https://aerobasegroup.com/nsn/5935-01-049-0061 **Thread Class:** 2a and 2b **Thread Direction:** Right-hand **Body Style:** Hood, side opening w/clamp **Overall Length:** 2.546 inches **Overall Height:** 1.514 inches **Overall Width:** 0.500 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:** 50 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:** Jackscrew Shell Type: Hood, side opening **Connector Locking Method:** Jackscrew-socket **Connector Cable Strain Relief Method:** Cable clamp **Cable Opening Length:** 0.580 inches **Cable Opening Width:** 0.430 inches Thready Qty Per Inch (tpi): 56 **Thread Size:** 0.086 inches

**Terminal Location:** 

Back single mating end single contact grouping

# NSN 5935-01-049-0061

Electrical Plug Connector - Page 2 of 2



#### **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 type 1, cl 1 military specification all treatment responses single mating end single contact grouping

#### **Terminal Type:**

Solder well single mating end single contact grouping

### **Shell Material:**

Aluminum

#### **Shell Surface Treatment:**

Anodize

### **Shell Surface Treatment Specification:**

Mil-a-8625 military specification single treatment response

### **Shell Material Specification:**

Qq-a-318 federal specification single material response

### **Insert Material Specification:**

Mil-p-19833 ty gdi-30f military specification single material response single mating end

## **Included Contact Quantity:**

50 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:**

0.050 gold grains, troy

# **Precious Material:**

Gold

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

Unc

### Shelf Life:

N/a

# **Unit Of Measure:**

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## **Demilitarization:**

No

# Fiig:

A039b0

# Mil-std (military Standard):

Mil-g-45204 spec.