## NSN 5935-00-449-6716

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-449-6716

**Thread Class:** 2a and 2a **Thread Direction:** Right-hand and right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 1.635 inches **Overall Diameter:** Between 1.506 inches and 1.526 inches **Environmental Protection:** Salt water resistant and moisture resistant and vibration resistant and heat resistant **Distance From Mounting Shoulder To Front Face:** Between 0.770 inches and 0.778 inches **Mounting Facility Thickness:** 0.125 inches **Threaded Device Type:** Back shell and mounting bushing **Mating End Quantity: Contact Position Arrangement Style:** 16-55 single mating end **Contact Removability:** Removable single mating end single contact grouping **Polarization Method:** Key, multiple key groove **Insert Position In Deg:** 0.0 Shell Type: Solid **Connector Locking Method:** Bayonet pin Thready Qty Per Inch (tpi): 28 and 20 **Thread Size:** 1.000 inches and 1.125 inches **Terminal Location:** 

Contact Material:

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:** 

Gold single mating end single contact grouping

Back single mating end single contact grouping

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Contact	Surface	<b>Treatment</b>	Speci	fication:
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Mil-g-45204, type 1 class 2 military specification single treatment response single mating end single contact grouping

**Terminal Type:** 

Crimp single mating end single contact grouping

**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:**

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#### **Specification Data:**

81349-mil-c-81511/3 government specification

Shelf Life:

N/a

**Unit Of Measure:** 

**Demilitarization:** 

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.