# NSN 5935-00-242-9808

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-242-9808 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling w/backshell **Overall Length:** 1.551 inches **Overall Height:** 1.570 inches **Overall Width:** 1.570 inches **Unthreaded Mounting Hole Diameter:** 0.125 inches Center To Center Distance Between Mounting Facilities Parallel To Height: 1.255 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 1.255 inches **Distance From Mounting Shoulder To Front Face:** 0.906 inches **Threaded Device Type:** Back shell **Mating End Quantity: Contact Position Arrangement Style:** 16-61 single mating end **Contact Removability:** Removable single mating end single contact grouping **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 281.0 and 207.0 and 163.0 and 88.0 Shell Type: Solid **Connector Locking Method:** Bayonet pin Thready Qty Per Inch (tpi): 28 **Thread Size:** 1.375 inches

**Terminal Location:** 

Back single mating end single contact grouping

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Copper alloy single mating end single contact grouping

#### **Contact Surface Treatment:**

Gold single mating end single contact grouping

## **Contact Surface Treatment Specification:**

Mil-g-45204, type 1, cl 1 military specification single treatment response single mating end single contact grouping

## **Terminal Type:**

Crimp single mating end single contact grouping

#### **Shell Material:**

Aluminum alloy 6061

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

Cadmium

## **Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

### **Shell Material Specification:**

Qq-a-325, comp 6061, grade t6 federal specification single material response

## **Included Contact Quantity:**

61 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:**

0.061 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-81511/21 government specification

## Shelf Life:

N/a

#### **Unit Of Measure:**

## **Demilitarization:**

No

## Fiig:

A039b0

## Mil-std (military Standard):

Mil-g-45204 spec.