# NSN 5935-01-481-3171

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**Thread Class:** 2a and 2b **Thread Direction:** Right-hand **Body Style:** Hood, top opening w/clamp **Overall Length:** Between 2.845 inches and 2.855 inches **Overall Height:** Between 0.490 inches and 0.510 inches **Overall Width:** Between 0.245 inches and 0.255 inches **Environmental Protection:** Shock resistant and vibration resistant and corrosion resistant and humidity resistant and fungus resistant **Threaded Device Type:** Coupling facility **Mating End Quantity:** 1 **Contact Position Arrangement Style:** 2 rows of contacts non-inserted board 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 **Connector Locking Method:** Jackscrew-socket **Operating Tempurature Rating:** Between -65.0 degrees celsius and 125.0 degrees celsius Thready Qty Per Inch (tpi): **Thread Size:** 0.086 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 nickel single mating end single contact grouping

Insert Material:

Plastic diallyl phthalate glass filled single mating end or plastic polyester glass filled single mating end

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

Mil-g-45204 type 2, cl 1, grade c military specification 1st treatment response single mating end single contact grouping and qq-n-290, cl 2 federal specification 2nd treatment response single mating end single contact grouping

#### **Terminal Type:**

Solder well single mating end single contact grouping

#### **Contact Material Specification:**

Qq-c-530 federal specification single material response single mating end single contact grouping or qq-c-533 federal specification single material response single materia

## **Insert Material Specification:**

Mil-m-14, ty sdg-f or ty gdi-30f military specification 1st material response single mating end or mil-m-24519, ty gpt-30f or gst-40f military specification 2nd 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:**

0.040 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.