

View Online at <https://aerobasegroup.com/nsn/5935-01-144-6585>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape

**Overall Length:**

1.504 inches

**Overall Height:**

Between 3.922 inches and 3.953 inches

**Overall Width:**

Between 3.359 inches and 3.391 inches

**Environmental Protection:**

Moisture proof

**Unthreaded Mounting Hole Diameter:**

0.144 inches

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

Between 3.235 inches and 3.265 inches

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

Between 2.870 inches and 2.880 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

3 all mating ends

**Contact Removability:**

Removable all mating ends single contact grouping

**Contact Maximum Current Rating In Amps:**

80.0 all mating ends single contact grouping

**Polarization Method:**

Mating end

**Shell Type:**

Solid

**Connector Locking Method:**

Screw

**Thready Qty Per Inch (tpi):**

28

**Thread Size:**

0.250 inches

**Terminal Location:**

Back all mating ends single contact grouping

**Contact Material:**

Copper alloy all mating ends single contact grouping

**Contact Surface Treatment:**

Gold all mating ends single contact grouping

**Insert Material:**

Plastic diallyl phthalate all mating ends

**Contact Surface Treatment Specification:**

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

**Criticality Code Justification:**

Feat

**Terminal Type:**

Crimp all mating ends single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

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

**Included Contact Type:**

Round socket all mating ends single contact grouping

**Special Features:**

Item must comply with requirements of desc production standard no. L03270; for navy nuclear propulsion plant products only

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.030 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A039b0

**Mil-std (military Standard):**

Mil-g-45204 spec.