

View Online at <https://aerobasegroup.com/nsn/5935-00-450-1258>

**Body Style:**

Straight shape

**Overall Length:**

Between 2.714 inches and 2.744 inches

**Overall Height:**

0.633 inches

**Overall Width:**

Between 0.479 inches and 0.509 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.115 inches and 0.125 inches

**Distance Between Mounting Facility Centers:**

Between 2.495 inches and 2.505 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

25w3 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Polarization Method:**

Mating end

**Shell Type:**

Solid

**End Application:**

Virginia class cgn (41); communications systems an/wsc-3; low altitute navigation & targeting infrared system (lantirn); ticonderoga class cg (47); ground mobile force satellite comm term (an/tsc-93a); radio transmitter set, an/urt-23 (rts); sturgeon class ssn (637); los angeles class ssn (688); regency net system (an/trc-17 (v), an/frc-180 (v), an/grc-215)

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold and silver single mating end single contact grouping

**Insert Material:**

Plastic diallyl phthalate single mating end

**Criticality Code Justification:**

Feat

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Steel

**Shell Surface Treatment:**

Cadmium

**Insert Material Specification:**

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

**Included Contact Quantity:**

22 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Special Features:**

Weapon system essential

**Precious Material And Location:**

Contact surfaces gold and contact surfaces silver

**Precious Material And Weight:**

0.022 gold grains, troy and 0.022 silver grains, troy

**Precious Material:**

Gold and silver

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-m-19833 spec.