## NSN 5935-01-194-2777

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View Online at https://aerobasegroup.com/nsn/5935-01-194-2777 **Thread Class:** 2a and 2b **Thread Direction:** Right-hand **Body Style:** Hood, side opening w/clamp **Overall Length:** 1.625 inches **Overall Height:** 1.560 inches **Overall Width:** 0.880 inches **Environmental Protection:** Cold resistant and heat resistant and corrosion resistant and moisture resistant and shock resistant and vibration resistant **Threaded Device Type:** Coupling facility **Mating End Quantity: Contact Position Arrangement Style:** 20 20-20 single mating end **Contact Removability:** Removable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 7.5 single mating end single contact grouping **Contact Maximum Ac Voltage Rating In Volts:** 750.0 single mating end single contact grouping **Polarization Method:** Jackscrew Shell Type: Hood, side opening **Connector Locking Method:** Jackscrew-socket **Connector Cable Strain Relief Method:** Cable clamp **Cable Opening Length:** 0.565 inches **Cable Opening Width:** 0.256 inches Thready Qty Per Inch (tpi):

32

**Thread Size:** 

0.138 inches



## NSN 5935-01-194-2777 Electrical Plug Connector - Page 2 of 3 **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 **Insert Material:** Plastic diallyl phthalate single mating end **Contact Surface Treatment Specification:** Mil-g-45204 military specification single treatment response single mating end single contact grouping **Criticality Code Justification:** Feat **Terminal Type:** Crimp single mating end single contact grouping **Contact Material Specification:** Qq-b-626 federal specification single material response single mating end single contact grouping **Shell Material:** Aluminum alloy **Shell Surface Treatment:** Cadmium and chromate **Insert Material Specification:** Mil-m-14 military specification single material response single mating end **Included Contact Quantity:** 5 single mating end single contact grouping

**Included Contact Type:** 

Round socket single mating end single contact grouping

**Special Features:** 

Contacts missing in cavities b, c, e, f, h, j, I, m, n, r, t, u, v, w, and x

**Precious Material And Location:** 

Contact surfaces gold

**Precious Material And Weight:** 

0.005 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

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Mil-std (military Standard):

Mil-g-45204 spec.