NSN 5935-00-781-3831

Electrical Receptacle Connector - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5935-00-781-3831 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape threaded **Overall Length:** 0.859 inches **Overall Diameter:** 1.188 inches **Environmental Protection:** Humidity resistant and corrosion resistant and vibration resistant and shock resistant **Distance From Mounting Shoulder To Front Face:** 0.656 inches **Mounting Facility Thickness:** 0.094 inches **Threaded Device Type:** Mounting bushing **Mating End Quantity: Contact Position Arrangement Style:** 1912p single mating end **Contact Removability:** Nonremovable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 25.0 single mating end single contact grouping **Contact Maximum Ac Voltage Rating In Volts:** 500.0 single mating end single contact grouping **Contact Maximum Dc Voltage Rating In Volts:** 700.0 single mating end single contact grouping **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 0.0 **Shell Type:** Solid **Connector Locking Method:** Spring friction Thready Qty Per Inch (tpi):

20

Thread Size:

0.812 inches

NSN 5935-00-781-3831

Electrical Receptacle 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:
Rubber single mating end
Contact Surface Treatment Specification:
Mil-g-45204, type 1, cl 1 military specification single treatment response single mating end single contact grouping
Terminal Type:
Solder well single mating end single contact grouping
Shell Material:
Aluminum alloy
Shell Surface Treatment:
Cadmium and chromate
Shell Surface Treatment Specification:
Qq-p-416, type 2, cl c federal specification all treatment responses
Shell Material Specification:
Qq-a-591 federal specification single material response
Insert Material Specification:
Mil-r-3065, cl sc815-a, b, and e military specification single material response single mating end
Included Contact Quantity:
12 single mating end single contact grouping
Bushing Accommodation Hole Shape:
Round
Included Contact Type:
Round pin single mating end single contact grouping
Precious Material And Location:
Contact surfaces gold
Precious Material And Weight:
0.012 gold grains, troy
Precious Material:
Gold
Thread Series Designator:
Unef
Shelf Life:
N/a
Unit Of Measure:

Fiig: A039b0

No

Demilitarization:

NSN 5935-00-781-3831

Electrical Receptacle Connector - Page 3 of 3



Mil-std (military Standard):

Mil-g-45204 spec.