NSN 5935-01-096-6205



Electrical Receptacle Connector - Page 1 of 3 View Online at https://aerobasegroup.com/nsn/5935-01-096-6205 **Thread Class:** 2a and 2b **Thread Direction:** Right-hand and right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 1.938 inches **Overall Height:** 1.500 inches **Overall Width:** 1.500 inches **Environmental Protection:** Moisture resistant and salt water resistant and vibration resistant Center To Center Distance Between Mounting Facilities Parallel To Height: 1.156 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 1.156 inches **Distance From Mounting Shoulder To Front Face:** Between 0.730 inches and 0.761 inches **Threaded Device Type:** Coupling facility and mounting hole **Mating End Quantity: Contact Position Arrangement Style:** 20-27 single mating end **Contact Removability:** Nonremovable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 22.0 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:

Externally threaded shell

NSN 5935-01-096-6205

Electrical Receptacle Connector - Page 2 of 3



Thread Length:
0.625 inches
Thready Qty Per Inch (tpi):
18 and 32
Thread Size:
1.250 inches and 0.138 inches
Terminal Location:
Back 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:
Rubber single mating end
Contact Surface Treatment Specification:
Mil-g-45204, type 1, grade b military specification 1st treatment response single mating end single contact grouping and qq-n-290, cl 1,
grade b federal specification 2nd 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
Shell Surface Treatment Specification:
Qq-p-416, type 2, cl 3 federal specification single treatment response
Included Contact Quantity:
14 single mating end single contact grouping
Included Contact Type:
Round pin single mating end single contact grouping
Special Features:
Mil standard no. Ms3102-20-27p modified by tapping of four holes in flange with 6-32 unc thds
Precious Material And Location:
Contact surfaces gold
Precious Material And Weight:
0.014 gold grains, troy
Precious Material:
Gold
Thread Series Designator:
Unef and unc
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No

A039b0

Fiig:

NSN 5935-01-096-6205

Electrical Receptacle Connector - Page 3 of 3



Mil-std (military Standard):

Mil-g-45204 spec.