NSN 5935-01-124-8512

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-124-8512 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape **Overall Length:** 1.880 inches **Overall Height:** 1.170 inches **Overall Width:** 4.325 inches **Environmental Protection:** Vibration resistant and moisture resistant and thermal shock resistant Center To Center Distance Between Mounting Facilities Parallel To Height: Between 0.558 inches and 0.566 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 3.871 inches and 3.879 inches **Distance From Mounting Shoulder To Front Face:** Between 0.615 inches and 0.630 inches **Threaded Device Type:** Mounting stud **Mating End Quantity: Contact Removability:** Removable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 5.0 single mating end single contact grouping **Contact Maximum Ac Voltage Rating In Volts:** 1300.0 single mating end single contact grouping Shell Type: Solid **Connector Locking Method:** Spring lock Thready Qty Per Inch (tpi): **Thread Size:** 0.138 inches

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Terminal Location:

Back single mating end single contact grouping

Contact Material:

Copper alloy single mating end single contact grouping

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Contact Surface Treatment:

Gold single mating end single contact grouping and copper single mating end single contact grouping

Insert Material:

Plastic single mating end

Contact Surface Treatment Specification:

Mil-g-45204 military specification all treatment responses single mating end single contact grouping

Terminal Type:

Crimp single mating end single contact grouping

Contact Material Specification:

Qq-c-533 federal specification single material response single mating end single contact grouping

Shell Material:

Aluminum alloy 380.0

Shell Surface Treatment:

Nickel

Shell Surface Treatment Specification:

Mil-c-26074, cl 1 military specification single treatment response

Shell Material Specification:

Qq-a-591 federal specification single material response

Included Contact Quantity:

185 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.185 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Unc

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.