NSN 5935-00-977-5821

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-977-5821 **Thread Class:** 2b **Thread Direction:** Right-hand **Body Style:** Rectangular shape **Overall Length:** Between 3.856 inches and 3.866 inches Center To Center Distance Between Mounting Facilities Parallel To Length: Between 3.422 inches and 3.432 inches **Overall Height:** 1.536 inches **Overall Width:** Between 1.240 inches and 1.250 inches **Environmental Protection:** Vibration resistant **Unthreaded Mounting Hole Diameter:** 0.164 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 0.622 inches and 0.628 inches **Threaded Device Type:** Mounting hole **Mating End Quantity: Contact Position Arrangement Style:** 78 single mating end **Contact Removability:** Nonremovable single mating end all contact groupings **Contact Maximum Current Rating In Amps:** 7.5 single mating end all contact groupings **Polarization Method:** Mating end Shell Type: Potting **Connector Cable Strain Relief Method:** Potting type Thread Length: 0.250 inches **Thread Size:** 0.164 inches **Terminal Location:**

Back single mating end single contact grouping

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Contact Material:

Copper alloy single mating end single contact grouping

Contact Surface Treatment:

Rhodium single mating end single contact grouping and silver single mating end single contact grouping

Insert Material:

Plastic diallyl phthalate single mating end

Terminal Type:

Solder well single mating end single contact grouping

Contact Material Specification:

Qq-b-626, comp 360 federal specification single material response single mating end all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416b, class 2 type 2 federal specification all treatment responses

Shell Material Specification:

Qq-a-591 federal specification single material response

Insert Material Specification:

Mil-m-14, type mdg military specification single material response single mating end

Included Contact Quantity:

75 single mating end 2nd contact grouping

Included Contact Type:

Round pin single mating end all contact groupings

Special Features:

Spring loaded to eliminate mating difficulties

Precious Material And Location:

Contact surfaces rhodium and contact surfaces silver

Precious Material And Weight:

0.078 rhodium grains, troy and 0.078 silver grains, troy

Precious Material:

Rhodium and silver

Thread Series Designator:

Unc

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-m-14 spec.