NSN 5935-00-827-9974

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-827-9974 **Thread Class:** 2b **Thread Direction:** Right-hand **Body Style:** Straight shape **Overall Length:** Between 2.073 inches and 2.103 inches **Overall Height:** 0.660 inches **Overall Width:** Between 0.479 inches and 0.509 inches **Environmental Protection:** Corrosion resistant and humidity resistant and shock resistant and vibration resistant **Distance Between Mounting Facility Centers:** Between 1.847 inches and 1.857 inches **Threaded Device Type:** Mounting hole **Mating End Quantity: Contact Position Arrangement Style:** 9w4 single mating end **Contact Removability:** Nonremovable single mating end 2nd contact grouping **Contact Maximum Current Rating In Amps:** 5.0 single mating end 2nd contact grouping **Polarization Method:** Mating end Shell Type: Solid **Connector Locking Method:** Threaded hole **Operating Tempurature Rating:** Between -55.0 degrees celsius and 125.0 degrees celsius **Features Provided:** Pre-tinned terminal Thready Qty Per Inch (tpi): 40 **Thread Size:** 0.112 inches

Terminal Location:

Back single mating end 2nd contact grouping

NSN 5935-00-827-9974

Electrical Receptacle Connector - Page 2 of 2



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Copper alloy single mating end 2nd contact grouping

Contact Surface Treatment:

Gold single mating end 2nd contact grouping and copper single mating end 2nd contact grouping

Insert Material:

Plastic diallyl phthalate glass filled single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type ii, class 1 military specification 1st treatment response single mating end 2nd contact grouping and mil-g-14550, class 4 military specification 2nd treatment response single mating end 2nd contact grouping

Terminal Type:

Solder well single mating end 2nd contact grouping

Shell Material:

Steel

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

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

Insert Material Specification:

Mil-p-19833, type gdi-30f military specification single material response single mating end or mil-m-14f, type sdg-f military specification single material response single mating end

Included Contact Quantity:

5 single mating end 2nd contact grouping

Included Contact Type:

Round pin single mating end 2nd contact grouping

Special Features:

Stop nut mount

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:

Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.