Electrical Receptacle Connector - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5935-01-311-4119

Thread Class:
2a
Thread Direction:
Right-hand
Body Style:
Straight shape, external coupling
Overall Length:
1.938 inches
Overall Height:
Between 1.344 inches and 1.406 inches
Overall Width:
Between 1.344 inches and 1.406 inches
Environmental Protection:
Moisture proof and salt water resistant and vibration proof and shock resistant and cold resistant and heat resistant and explosion proof
Unthreaded Mounting Hole Diameter:
Between 0.115 inches and 0.130 inches
Center To Center Distance Between Mounting Facilities Parallel To Height:
Between 1.057 inches and 1.067 inches
Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:
Between 1.057 inches and 1.067 inches
Distance From Mounting Shoulder To Front Face:
Between 0.750 inches and 0.781 inches
Threaded Device Type:
Coupling facility
Mating End Quantity:
1
Contact Position Arrangement Style:
18-3 single mating end
Contact Removability:
Nonremovable single mating end single contact grouping
Contact Maximum Current Rating In Amps:
41.0 single mating end single contact grouping
Contact Maximum Ac Voltage Rating In Volts:
900.0 single mating end single contact grouping
Contact Maximum Dc Voltage Rating In Volts:
1250.0 single mating end single contact grouping
Polarization Method:
Keyway or multiple keyway
Insert Position In Deg:
0.0
Shell Type:
Solid

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Connector Locking Method:

Externally threaded shell

Operating Tempurature Rating:

Between -55.0 degrees celsius and 125.0 degrees celsius

Thready Qty Per Inch (tpi):

18

Thread Size:

1.125 inches

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 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 and chromate

Shell Surface Treatment Specification:

Qq-p-416, type 2, cl 3 federal specification 2nd treatment response

Included Contact Quantity:

2 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.010 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Unef

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

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Fiig: A039b0

Mil-std (military Standard):

Mil-g-45204 spec.