Electrical Receptacle Connector - Page 1 of 2



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Thread Class:	
2a and 2a	
Thread Direction:	
Right-hand and right-hand	
Body Style:	
Straight shape, external coupl	ing
Overall Length:	
0.787 inches	
Overall Diameter:	
Between 1.609 inches and 1.6	41 inches
Environmental Protection:	
Noisture proof and salt water r	esistant and vibration proof and corrosion resistant and dust resistant and fuel resistant and fungus resistant
and humidity resistant and oil r	esistant and shock resistant and thermal shock resistant and vibration resistant
Distance From Mounting She	oulder To Front Face:
0.443 inches	
Mounting Facility Thickness	
0.062 inches	
Threaded Device Type:	
Back shell and mounting bushi	ng
Mating End Quantity:	
1	
Contact Position Arrangeme	nt Style:
3119 single mating end	
Contact Removability:	
Removable single mating end	single contact grouping
Polarization Method:	
Keyway or multiple keyway	
nsert Position In Deg:	
95.0 and 132.0 and 232.0 and	260.0 and 340.0
Shell Type:	
Solid	
Connector Locking Method:	
Bayonet pin	
Operating Tempurature Ratin	ng:
Between -65.0 degrees celsius	and 175.0 degrees celsius
Thready Qty Per Inch (tpi):	
24 and 18	
Thread Size:	
0.688 inches and 1.125 inches	
Terminal Location:	
Back single mating end single	contact grouping
Contact Material:	
Copper alloy single mating end	I single contact grouping
· · · ·	



Contact Surface Treatment:

Gold single mating end single contact grouping

Insert Material:

Plastic epoxy single mating end

Contact Surface Treatment Specification:

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

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

Qq-p-416 federal specification single treatment response

Included Contact Quantity:

22 single mating end single contact grouping

Bushing Accommodation Hole Shape:

Round

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.022 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-38999 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Thread Series Designator:

Unef and unef

Specification Data:

96906-ms27474 government standard

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.