Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-087-0138

2a         Firead Direction:         Right-hand         Body Style:         Straight shape, external coupling         Overall Length:         Between 1.275 inches and 1.340 inches         Overall Height:         Between 0.929 inches and 0.945 inches         Overall Width:         Between 0.929 inches and 0.945 inches         Overall Width:         Botween 0.929 inches and 0.945 inches         Christomental Protection:         Moisture resistant and salt water resistant and vibration resistant         Christomental Protection:         Moisture resistant and 0.126 inches         Detween 0.116 inches and 0.124 inches         Distance Between Conterlines Of Mounting Facilities Parallel To Body Width         Between 0.714 inches and 0.724 inches         Distance From Mounting Shoulder To Front Face:         Between 0.756 inches and 0.775 inches         Threadd Device Type:         Back shell         Mating End Quantity:         1         Chotact Position Arrangement Style:         Chatcat Position Arrangement Style:         Reway or multiple keyway         Reway or multiple keyway         Reway or multiple keyway         Restored In Deg:         20.0 and 24.0 and 130.0	Thread Class:	
Right-hand         Body Style:         Straight shape, external coupling         Overall Length:         Between 1.275 inches and 1.340 inches         Overall Height:         Between 0.929 inches and 0.945 inches         Overall Width:         Between 0.929 inches and 0.945 inches         Furionmental Protection:         Moisture resistant and salt water resistant and vibration resistant         Unthreaded Mounting Hole Diameter:         Between 0.116 inches and 0.126 inches         Center To Center Distance Between Mounting Facilities Parallel To Height:         Between 0.714 inches and 0.724 inches         Distance Between Centerlines Of Mounting Facilities Parallel To Body Widthet:         Between 0.765 inches and 0.775 inches         Threaded Device Type:         Back shell         Mating End Quantity:         1         Contact Position Arrangement Style:         10-12 single mating end single contact grouping         Polarization Method:         Keyway or multiple keyway         Insert Position In Deg:         280.0 and 242.0 and 130.0 and 48.0         Shell Type:         Solid         Connector Locking Method:         Bayonet pin         Thready Qty Per Inch (tpi):	2a	
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28 Thread Size:	Bayonet pin	
Thread Size:	Thready Qty Per Inch (tpi):	
	28	
0.625 inches	Thread Size:	
	0.625 inches	

Electrical Receptacle Connector - Page 2 of 2



Terminal Location:	
Back single mating e	nd single contact grouping
Contact Material:	
Copper alloy single m	ating end single contact grouping
Contact Surface Tre	atment:
Gold single mating er	d single contact grouping
Contact Surface Tre	atment Specification:
Mil-g-45204, type 1,	cl 1 military specification single treatment response single mating end single contact grouping
Terminal Type:	
Crimp single mating e	and single contact grouping
Shell Material:	
Aluminum	
Shell Surface Treatr	nent:
Cadmium	
Shell Surface Treatr	nent Specification:
Qq-p-416, type 2, cl	3 federal specification single treatment response
Shell Material Speci	fication:
Qq-a-367, comp 606	, t-6 federal specification single material response
Included Contact Q	iantity:
12 single mating end	single contact grouping
Included Contact Ty	pe:
Round pin single mat	ng end single contact grouping
Precious Material A	nd Location:
Contact surfaces gold	
Precious Material A	nd Weight:
0.012 gold grains, tro	у
Precious Material:	
Gold	
Test Data Documen	:
81349-mil-c-81511 sp	ecification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification
format; excludes con	mercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain
environmental and pe	rformance requirements and test conditions that are shown as "typical", "average", "", etc.).
Thread Series Desig	nator:
Un	
Specification Data:	
81349-mil-c-81511/1	government specification
Shelf Life:	
N/a	
Unit Of Measure:	
Demilitarization:	
No	
Fiig:	
A039b0	
Mil-std (military Sta	ndard):
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