Electrical Receptacle Connector - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5935-01-356-4161

Thread Class:	
2a	
Thread Direction:	
Right-hand	
Body Style:	
Straight shape, ext	ernal coupling
Overall Length:	
2.500 inches	
Overall Height:	
	es and 2.281 inches
Overall Width:	
	es and 2.281 inches
Environmental Pro	tection:
Moisture proof and	salt water resistant and vibration proof and shock resistant and cold resistant and heat resistant and explosion proo
Unthreaded Mount	ing Hole Diameter:
Between 0.168 inch	es and 0.183 inches
Center To Center I	Distance Between Mounting Facilities Parallel To Height:
1.750 inches	
Distance Between	Centerlines Of Mounting Facilities Parallel To Body Width:
1.750 inches	
Distance From Mo	unting Shoulder To Front Face:
Between 0.875 inch	es and 0.906 inches
Threaded Device T	уре:
Back shell and coup	ling facility
Mating End Quant	ty:
1	
Contact Removabi	lity:
Removable single n	nating end single contact grouping
Contact Maximum	Current Rating In Amps:
135.0 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 matin	g end single contact grouping
Polarization Metho	d:
Key, multiple key g	roove
Insert Position In [Deg:
0.0	
Shell Type:	
Solid	
Connector Locking	g Method:
Externally threaded	

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Thread Length: 0.467 inches **Operating Tempurature Rating:** Between -55.0 degrees celsius and 200.0 degrees celsius **Features Provided:** Self-locking coupling nut Thready Qty Per Inch (tpi): 18 Thread Size: 2.000 inches **Terminal Location:** Back single mating end single contact grouping **Contact Material:** Copper alloy single mating end single contact grouping **Contact Surface Treatment:** Silver single mating end single contact grouping **Insert Material:**

Rubber silicone class q single mating end

Contact Surface Treatment Specification:

Qq-s-365 federal specification single treatment response single mating end single contact grouping

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Stainless steel

Shell Surface Treatment:

Passivate

Included Contact Quantity:

5 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

Special Features:

In order to complete the connector assembly, the user must obtain/provide the backshell, standard versions may be ordered as nsn 5935-01-193-5694, p/n m85049/52-1-32w for the straight style, or nsn 5935-01-216-3640, p/n m85049/51-1-32w for the right angle style

Precious Material And Location:

Contact surfaces silver

Precious Material And Weight:

0.025 silver grains, troy

Precious Material:

Silver

Test Data Document:

81349-mil-c-5015 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:

Uns

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Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-c-5015 spec.