Electrical Receptacle Connector - Page 1 of 3

AeroBase Group

View Online at https://aerobasegroup.com/nsn/5935-01-285-5520

Thread Direction: Right-hand Body Style: Straight shape, external coupling Overall Length: 1.490 inches Overall Weight: Between 0.932 inches and 0.942 inches Overall Victh: Between 0.932 inches and 0.942 inches Environmental Protection: Humidity resistant and salt water resistant and shock proof and vibration proof Untreaded Mounting Hole Diameter: Between 0.115 inches and 0.125 inches Center Distance Between Mounting Facilities Parallel To Height: Between 0.114 inches and 0.724 inches Distance Erom Mounting Shoulder To Front Face: Between 0.714 inches and 0.724 inches Distance From Mounting Shoulder To Front Face: Between 0.708 inches and 0.728 inches Threaded Device Type: Back shell Mating End Quantity: 1 Contact Position Arrangement Style: 40456 single mating end single contact grouping Contact Maximum Current Rating In Amps: 7.5 single mating end single contact grouping Polarization Method: Keyway or multiple keyway Insert Position In Deg: 40.	Thread Class:	
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Shell Type: Solid Connector Locking Method: Bayonet pin	Insert Position In Deg:	
Solid Connector Locking Method: Bayonet pin	40.0 and 112.0 and 228.0 and 258.0	
Connector Locking Method: Bayonet pin	Shell Type:	
Bayonet pin	Solid	
	Connector Locking Method:	
Thread Length:	Bayonet pin	
	Thread Length:	
0.290 inches	0.290 inches	

Electrical Receptacle Connector - Page 2 of 3



Thready Qty Per Inch (tpi):

24

Thread Size:

0.625 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

Insert Material:

Plastic epoxy single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type 1, cl 2 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

Shell Material Specification:

Qq-a-367 federal specification single material response

Included Contact Quantity:

5 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.005 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-83723 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

Specification Data:

81349-mil-c-83723/71 government specification

Shelf Life:

N/a

Unit Of Measure:

Electrical Receptacle Connector - Page 3 of 3



Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.