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٦	Fhread Class:
2	2a
٦	Thread Direction:
F	Right-hand
E	Body Style:
S	Straight shape, external coupling
C	Overall Length:
1	1.552 inches
C	Dverall Height:
1	I.891 inches
C	Overall Width:
1	I.891 inches
E	Environmental Protection:
Ν	Noisture proof and salt water resistant and vibration proof and thermal shock resistant and corrosion resistant
ι	Inthreaded Mounting Hole Diameter:
E	Between 0.145 inches and 0.155 inches
(Center To Center Distance Between Mounting Facilities Parallel To Height:
E	Between 1.495 inches and 1.505 inches
0	Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:
E	Between 1.495 inches and 1.505 inches
0	Distance From Mounting Shoulder To Front Face:
E	Between 0.589 inches and 0.620 inches
1	Threaded Device Type:
E	Back shell
N	Mating End Quantity:
1	
C	Contact Position Arrangement Style:
2	24-31 single mating end
C	Contact Removability:
F	Removable single mating end single contact grouping
C	Contact Maximum Ac Voltage Rating In Volts:
1	000.0 single mating end single contact grouping
F	Polarization Method:
ł	Keyway or multiple keyway
I	nsert Position In Deg:
1	35.0
S	Shell Type:
S	Solid
C	Connector Locking Method:
E	3ayonet pin
٦	Fhread Length:
C	0.290 inches

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Thready Qty Per Inch (tpi):

18

Thread Size:

1.438 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

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 6061 or aluminum alloy 380.0 or aluminum alloy a380.0

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416, type 2, cl 3 federal specification all treatment responses

Shell Material Specification:

Qq-a-367, t6 federal specification single material response or qq-a-591 federal specification single material response or qq-a-591 federal

specification single material response

Included Contact Quantity:

31 single mating end single contact grouping

Included Contact Type:

Round socket 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 5935-01-174-3669, p/n m85049/52-1-24w for the straight style, or nsn 5935-01-193-8434, p/n m85049/51-1-24w for the right angle style

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.031 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-26482 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:

96906-ms3472 government standard

Shelf Life:



Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.