

View Online at <https://aerobasegroup.com/nsn/5935-00-482-0533>

Thread Class:

2a and 2a

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

1.421 inches

Overall Height:

1.343 inches

Overall Width:

1.343 inches

Environmental Protection:

Pressure proof and moisture resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

Between 0.116 inches and 0.125 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

1.062 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.062 inches

Distance From Mounting Shoulder To Front Face:

Between 0.708 inches and 0.728 inches

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

18-31 single mating end

Contact Removability:

Nonremovable 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:

334.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.306 inches

Thread Qty Per Inch (tpi):

18 and 18

Thread Size:

1.062 inches and 1.188 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, type 2, class 2 military specification single treatment response single mating end single contact grouping

Terminal Type:

Solder well single mating end single contact grouping

Shell Material:

Aluminum alloy 6061

Shell Surface Treatment:

Anodize

Shell Surface Treatment Specification:

Mil-a-8625 military specification single treatment response

Shell Material Specification:

Qq-a-325, comp 6061, grade t6 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

Precious Material And Location:

Contact surface gold

Precious Material And Weight:

0.031 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-26500 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-ms24264 government standard

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

N

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.