

View Online at <https://aerobasegroup.com/nsn/5935-00-077-8483>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, flange mount, external coupling

Overall Length:

1.531 inches

Overall Height:

Between 1.157 inches and 1.219 inches

Overall Width:

Between 1.157 inches and 1.219 inches

Environmental Protection:

Moisture proof and salt water resistant and vibration proof and shock resistant and cold resistant and heat resistant and explosion proof

Unthreaded Mounting Hole Diameter:

Between 0.115 inches and 0.130 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 0.901 inches and 0.911 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 0.901 inches and 0.911 inches

Distance From Mounting Shoulder To Front Face:

Between 0.531 inches and 0.562 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

14s-7 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

22.0 single mating end single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 single mating end single contact grouping

Contact Maximum Dc Voltage Rating In Volts:

700.0 single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Internally threaded coupling ring

Connector Cable Strain Relief Method:

Cable clamp

Thread Length:

0.375 inches

Operating Temperature Rating:

Between -55.0 degrees celsius and 125.0 degrees celsius

Thread Size:

0.875 inches

Terminal Location:

Back single mating end single contact grouping

Contact Surface Treatment:

Silver single mating end all contact groupings or gold single mating end all contact groupings and silver single mating end all contact groupings

Contact Surface Treatment Specification:

Qq-s-365 federal specification single treatment response single mating end all contact groupings or mil-g-45204 military specification single treatment response single mating end all contact groupings and qq-s-365 federal specification single treatment response single mating end all contact groupings

Terminal Type:

Solder well single mating end single contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

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

Included Contact Quantity:

3 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces silver or contact surfaces gold and contact surfaces silver

Precious Material And Weight:

0.003 silver grains, troy or 0.003 gold grains, troy and 0.003 silver grains, troy

Precious Material:

Silver or gold and 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:

Unef

Specification Data:

96906-ms3103 government standard

Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.