

View Online at <https://aerobasegroup.com/nsn/5935-01-088-6137>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

1.659 inches

Overall Height:

Between 2.730 inches and 2.771 inches

Overall Width:

Between 2.730 inches and 2.771 inches

Environmental Protection:

Moisture resistant and salt water resistant and shock resistant and thermal shock resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

Between 0.206 inches and 0.213 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

2.188 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

2.188 inches

Distance From Mounting Shoulder To Front Face:

Between 0.922 inches and 0.932 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

36-80 single mating end

Contact Removability:

Removable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

23.0 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:

Key, multiple key groove

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.672 inches

Thready Qty Per Inch (tpi):

10

Thread Size:

2.500 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 and silver single mating end single contact grouping

Insert Material:

Plastic single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type 2, grade c military specification single treatment response single mating end single contact grouping

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Aluminum

Shell Surface Treatment:

Cadmium and nickel

Shell Surface Treatment Specification:

Qq-p-416, type 2 federal specification 1st treatment response and qq-n-290 federal specification 2nd treatment response

Included Contact Quantity:

20 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold and contact surfaces silver

Precious Material And Weight:

0.020 gold grains, troy and 0.020 silver grains, troy

Precious Material:

Gold and silver

Thread Series Designator:

Double stub

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.