

View Online at <https://aerobasegroup.com/nsn/5935-01-235-6416>

Body Style:

Straight shape, external coupling w/backshell

Overall Length:

3.679 inches

Overall Height:

2.188 inches

Overall Width:

2.188 inches

Environmental Protection:

Fungus resistant and heat resistant and cold resistant and vibration resistant and thermal shock resistant and salt water resistant and humidity resistant

Unthreaded Mounting Hole Diameter:

0.198 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

1.688 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.688 inches

Distance From Mounting Shoulder To Front Face:

2.504 inches

Mating End Quantity:

1

Contact Position Arrangement Style:

16-14 single mating end

Contact Removability:

Removable 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:

80.0 and 280.0

Shell Type:

Solid

Connector Locking Method:

Detent

Operating Temperature Rating:

Between -65.0 degrees celsius and 175.0 degrees celsius

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 polytetrafluoroethylene single mating end

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

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416, ty ii, cl 2 federal specification all treatment responses

Included Contact Quantity:

37 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Special Features:

2-37 insert configuration

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.037 gold grains, troy

Precious Material:

Gold

Specification Data:

81205-289-36507 manufacturers source control

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.