

View Online at <https://aerobasegroup.com/nsn/5935-01-298-2011>

Thread Class:

2a

Thread Direction:

Right-hand

Overall Length:

4.300 inches

Overall Height:

1.500 inches

Overall Width:

1.500 inches

Environmental Protection:

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

Threaded Device Type:

Coupling facility

Mating End Quantity:

2

Contact Position Arrangement Style:

27 2nd mating end

Contact Removability:

Removable 2nd mating end single contact grouping

Contact Maximum Current Rating In Amps:

7.5 2nd mating end single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 1st mating end single contact grouping

Contact Maximum Dc Voltage Rating In Volts:

700.0 1st mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell and detent

End Application:

Special project era

Thread Length:

0.625 inches

Thready Qty Per Inch (tpi):

18

Thread Size:

1.250 inches

Contact Surface Treatment Specification:

Mil-g-45204, type 2, gr c, cl 1 military specification 1st treatment response 2nd mating end single contact grouping and qq-n-290, cl 2 federal specification 2nd treatment response 2nd mating end single contact grouping

Shell Material:

Aluminum alloy 2017 or aluminum alloy 2014 and aluminum alloy

Shell Surface Treatment:

Chromate and cadmium

Shell Surface Treatment Specification:

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

Shell Material Specification:

Qq-a-225 federal specification 1st material response or qq-a-225 federal specification 2nd material response and qq-a-591 federal specification 3rd material response

Included Contact Quantity:

27 2nd mating end single contact grouping

Included Contact Type:

Round socket 2nd mating end single contact grouping

Special Features:

Contact adapter 57a23b125 will be in pin e of ms3102r20-27p connector; item supplied with conductive adhesive and thread sealing compound applied to threads of 67a274a330 connector; the following contacts are wired together from one connector to the other, a to 1, b to 15, c to 6, e to 16 and 18, i to 26, j to 9, l to 7, m to 19

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.041 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Unef

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.