

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.