

View Online at <https://aerobasegroup.com/nsn/5985-01-254-8250>

**Body Style:**

Rectangular

**Overall Length:**

1.970 inches

**Overall Height:**

1.250 inches

**Overall Width:**

1.250 inches

**Frequency Rating:**

8.0 gigahertz 3rd frequency voltage standing wave ratio and 12.4 gigahertz 3rd frequency voltage standing wave ratio

**Unthreaded Mounting Hole Diameter:**

0.149 inches

**Switch Type:**

Nontransfer

**Operating Temperature Range:**

-35.0/+100.0 degrees celsius

**Voltage Standing Wave Ratio:**

1.50 4th

**Insertion Loss In Decibels:**

0.40 3rd

**Coaxial Connector Series Designation:**

Sma

**Connector End Design:**

Female

**Minimum Crosstalk Rating In Decibels:**

60.0 single

**Actuator Operating Method:**

Solid state

**Switch Operation Sequence:**

Makes before breaks

**Switching Time:**

25.0 milliseconds

**Switch Return Mechanism Type:**

Fail-safe

**Pole Quantity:**

1

**Throw Quantity:**

2

**Rf Maximum Voltage Rating:**

28.0 volts rms

**Coupling Position Quantity:**

4

**Mounting Facility Type And Quantity:**

3 unthreaded hole

**Mounting Facility Pattern:**

Isosceles triangle single mounting facility pattern

**Material:**

Copper alloy contact (s)

**Precious Material And Location:**

Contact surfaces gold

**Precious Material:**

Gold

**Surface Treatment:**

Nickel body outside surfaces

**Terminal Type And Quantity:**

1 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A158a0