

View Online at <https://aerobasegroup.com/nsn/5985-01-600-5053>

**Overall Length:**

15.750 inches

**Overall Height:**

9.500 inches

**Overall Width:**

9.500 inches

**Frequency Rating:**

1.12 gigahertz single frequency operating and 1.70 gigahertz single frequency operating

**Switch Type:**

Transfer

**Distance Between Mounting Facility Centers:**

8.000 inches single mounting facility pattern

**Voltage Standing Wave Ratio:**

1.05 single

**Insertion Loss In Decibels:**

0.01 single

**Actuator Operating Method:**

Manual

**Actuator Current Type And Rating In Amps:**

5.0 ac

**Actuator Voltage In Volts:**

Between 22.0 and 32.0

**Switch Operation Sequence:**

Makes before breaks

**Switching Time:**

1.0 seconds

**Switch Return Mechanism Type:**

Latching

**Pole Quantity:**

1

**Throw Quantity:**

2

**Mounting Facility Type And Quantity:**

4 threaded hole

**Mounting Facility Pattern:**

Four position rectangular single mounting facility pattern

**Flange Connecting Facility And Quantity:**

10 unthreaded hole

**Product Name:**

Wr650 waveguide switch, I-band, mini-series

**Special Features:**

80db min isolation; pressure to 30 psig (r-f head); iridite on flange faces; metric thread, (m8x1.25 x 12mm inserts, metric sw) wr650 flange (cprf); mounting: 4x m12x1.75x18mm lg inserts on metric sw

**Material:**

Aluminum flang (s)

**Surface Treatment:**

Enamel body outside surfaces

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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