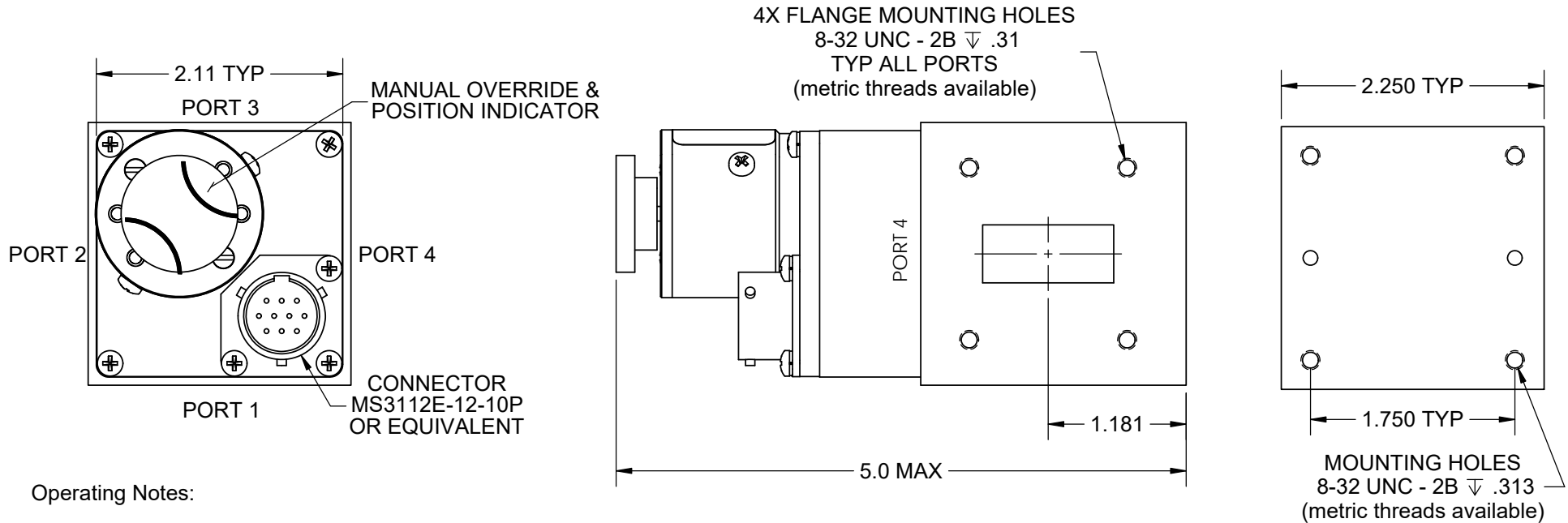




Waveguide Switch - MM Series - TTL - WR112



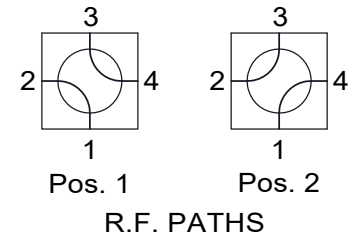
Operating Notes:

- Active logic switch command duration must be greater than 100 mS.
- Maximum switching rate not to exceed 30 per minute.
- Supply to Pin D (Pos. 1) or Pin F (Pos. 2) is 3.0 to 5.5 Vdc. Current draw is 5 mA @ 5 Vdc.

(See Model # Chart to select options)

| ELECTRICAL CIRCUIT OPTIONS | |
|----------------------------|--|
| NO INDICATORS | |
| 1 SET INDICATORS | |
| 2 SETS INDICATORS | |
| 3 SETS INDICATORS | |
| 4 SETS INDICATORS | |
| INHIBIT CIRCUITS | |

| FLANGE OPTIONS | |
|----------------|--|
| COVER | |
| GROOVE | |
| CHOKE | |



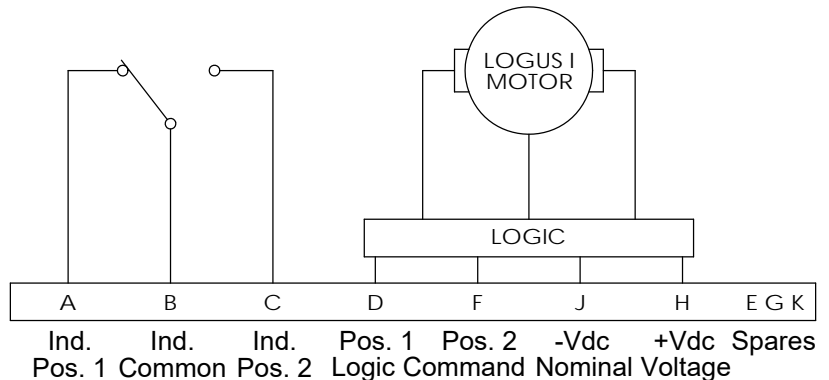
Frequency: 7.05 to 10.0 GHz
 VSWR: 1.10:1 Max.
 Insertion Loss: 0.05 dB Max.
 Isolation: 80 dB Min.

Flange: See Flange Table
 Voltage: See Voltage Table
 Switching Time: 100 mS Max.

Material: Aluminum (RF Assy)
 Finish: Iridite per MIL-DTL-5541
 Paint Dull Black Enamel
 Pressure: 30 PSIG (RF Head Only)
 Drive: Patented Logus I Motor

Temp: Operating: -40 °C to +85 °C
 Non-Operating: -55 °C to +100 °C
 Humidity: 0 to 95%, No Condensation

| DRIVE OPTIONS | |
|----------------|---------|
| LATCHING | 12 VDC |
| PULSE LATCHING | 15 VDC |
| FAILSAFE | 24 VDC |
| | 28 VDC |
| | 48 VDC |
| | 115 VAC |



LATCHING, TTL SHOWN IN POSITION 1

(See Schematic page for optional Electrical Circuits)

RoHS Available