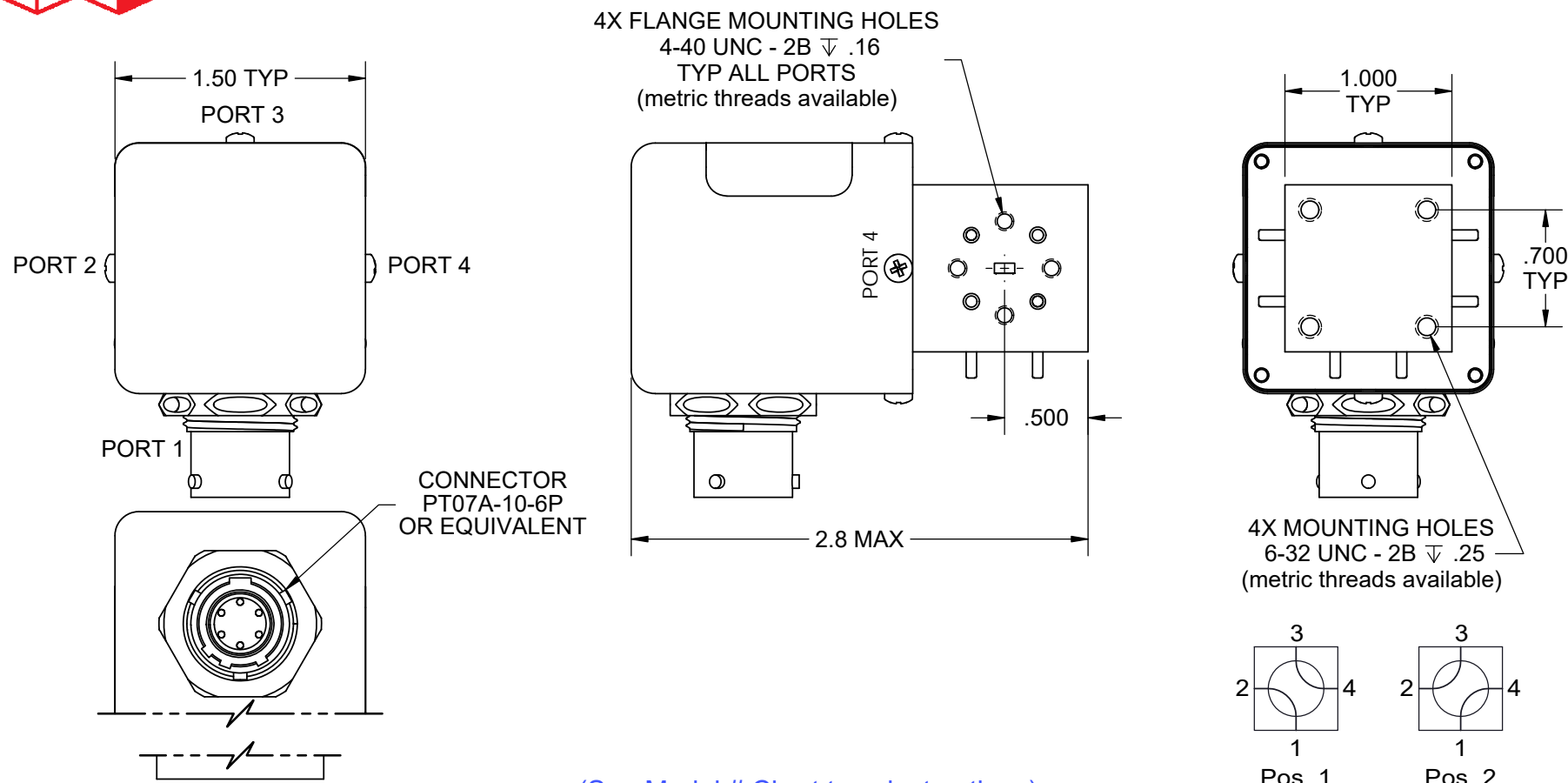




# Waveguide Switch - UW Series - WR12

REV. A



Frequency: 60.0 to 90.0 GHz  
 VSWR: 1.2:1 Max.  
 Insertion Loss: 0.40 dB Max.  
 Isolation: 50 dB Min.

Flange: See Flange Table  
 Voltage: See Voltage Table  
 Switching Time: 50 mS Max.

Material: Aluminum (RF Assy)  
 Finish: Iridite per MIL-DTL-5541

Pressure: 5 PSIG Typ., 15 PSIG Max.  
 (RF Head Only)

Drive: Patented Logus Motor

Temp: Operating: -40 °C to +85 °C  
 Non-Operating: -55 °C to +100 °C

Humidity: 0 to 100%, Fully Weatherized

(See Model # Chart to select options)

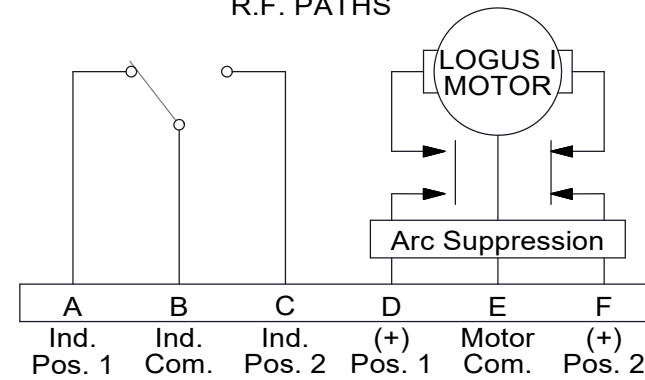
|                               |
|-------------------------------|
| ELECTRICAL CIRCUIT<br>OPTIONS |
| NO INDICATORS                 |
| 1 SET INDICATORS              |

|                   |
|-------------------|
| DRIVE<br>OPTIONS  |
| LATCHING          |
| PULSE<br>LATCHING |
| FAILSAFE          |
| TTL               |

|                    |
|--------------------|
| VOLTAGE<br>OPTIONS |
| 12 VDC             |
| 15 VDC             |
| 24 VDC             |
| 28 VDC             |
| 48 VDC             |
| 115 VAC            |

|                   |
|-------------------|
| FLANGE<br>OPTIONS |
| COVER             |
| GROOVE            |
| CHOKE             |

R.F. PATHS



LATCHING, SHOWN IN POSITION 1

(See Schematic page for optional Electrical Circuits)