Waveguide Switch - LM Series - WR42

Frequency: 18.0 to 26.5 GHz
VSWR: 1.10:1 Max.
Insertion Loss: 0.15 dB Max.
Isolation: 60 dB Min.
Flange: See Flange Table
Voltage: See Voltage Table
Switching Time: 80 μs 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
RoHS Available

Electrical Circuit Options

- No Indicators
- 1 Set Indicators
- 2 Sets Indicators
- 3 Sets Indicators
- 4 Sets Indicators
- Inhibit Circuits

Drive Options
- Latching
- Pulse Latching
- FailSafe
- TTL

Voltage Options
- 12 VDC
- 15 VDC
- 24 VDC
- 28 VDC
- 48 VDC
- 115 VAC
- 230 VAC

Flange Options
- Cover
- Groove
- Choke

PORT 1
PORT 2
PORT 3
PORT 4

Manual Override & Position Indicator
Connector MS3112E-10-6P or Equivalent

4x Flange Mounting Holes
4-40 UNC - 2B .20
Typ All Ports
(metric threads available)

Latching, Shown in Position 1

Typical Dimensions:
PORT 3: 2.11 TYP
PORT 4: 1.875 TYP

Typical Mounting Holes:
8-32 UNC - 2B .31
(metric threads available)

电气图 (Schematic page for optional Electrical Circuits)