**Specifications**

Operating Voltage:
28 Vdc (24-30 Vdc)

Coil Current (max. @ nom. Vdc & 20°C)*:
28 Vdc 350 mA

Switching Time:
100 ms maximum (WR 28 thru WR 90)
200 ms maximum (WR 112)

Operating Temperature:
-54°C to +85°C

Mechanical Life Cycles:
200,000 minimum

Nominal Weight:
10.58 oz. (300 g.) for WR 28 thru WR 90
17.64 oz. (500 g.) for WR 112

**RF Characteristics**

<table>
<thead>
<tr>
<th>Frequency (GHz)</th>
<th>VSWR (max)</th>
<th>Isolation (dB) (min)</th>
<th>Ins. Loss (dB) (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WR 28</td>
<td>1.12</td>
<td>60</td>
<td>0.20</td>
</tr>
<tr>
<td>WR 34</td>
<td>1.12</td>
<td>60</td>
<td>0.15</td>
</tr>
<tr>
<td>WR 42</td>
<td>1.13</td>
<td>60</td>
<td>0.12</td>
</tr>
<tr>
<td>WR 62</td>
<td>1.10</td>
<td>60</td>
<td>0.10</td>
</tr>
<tr>
<td>WR 75</td>
<td>1.15</td>
<td>60</td>
<td>0.10</td>
</tr>
<tr>
<td>WR 90</td>
<td>1.15</td>
<td>60</td>
<td>0.10</td>
</tr>
<tr>
<td>WR 112</td>
<td>1.10</td>
<td>60</td>
<td>0.10</td>
</tr>
</tbody>
</table>

**Part Number Selector**

- **Waveguide Size**
  - WR28
  - WR34
  - WR42
  - WR62
  - WR75
  - WR90
  - WR112

- **Configuration**
  - S = SPDT
  - T = DPDT

- **Flange Type**
  - 1 = Cover
  - 2 = Choke

- **Actuator**
  - 3 = Latching Self-Cutoff

- **Coil Voltage**
  - 3 = 28 Vdc

- **Polarity**
  - 1 = Positive Common
  - 2 = Negative Common

- **Indicators**
  - 0 = No Indicators
  - 1 = Indicators

Dimensions are the same for WR 28 thru WR 90 but slightly larger for WR 112.