SPECIFICATIONS:

- FREQUENCY: 0.5 GHz to 18 GHz
- INSERTION LOSS: REFLECTIVE 3.5dB, ABSORPTIVE 4.25dB
- ISOLATION: 0.5 GHz to 18 GHz: 60dB
- VSWR: REFLECTIVE IN/OUT: 2.0:1, ABSORPTIVE IN/OUT: 2.0:1, ABSORPTIVE OUT/IN: 2.0:1
- SPEED: RISE: 15ns MAX, FALL: 15ns MAX, DELAY ON: 100ns MAX, DELAY OFF: 100ns MAX
- POWER INPUT: (CW)+20dBm (STANDARD), +10 dBm (HIGH SPEED)
- SURVIVAL POWER: 1 Watt CW, 10 Watts Peak 1 usec
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V: 300 mA MAX, -5V: 75mA MAX, REFLECTIVE/ABSORPTIVE/0
- 100mA MAX ABSORPTIVE/REFLECTIVE

OPTIONS:

DEC-MP 3 BIT DECODER WITH MULTIPIN
DEC-SP 3 BIT DECODER WITH SOLDER PIN
MP-IND INDEPENDENT CONTROL WITH MULTIPIN
B01 12V POWER SUPPLIES
B02 15V POWER SUPPLIES
B03 REVERSE LOGIC "1"=ON "0"=OFF
B04 DRIVERLESS, CURRENT CONTROLLED
B05 HIGH SPEED, TURNON/TURNOFF 25 nsec MAXIMUM WHEN APPLICABLE
B06 HIGH POWER—SPECIFY CW POWER, PEAK POWER, PULSE WIDTH, DUTY CYCLE, RF FREQUENCY AND BANDWIDTH
B08 LOW VIDEO TRANSIENTS—SPECIFY VIDEO BANDWIDTH
B10 HIGHER ISOLATION VERSION (SPECIFY)

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°C TO +85°C (OPERATING)
  -65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204C COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105G COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 1070 COND. A

ALL DIMENSIONS ARE IN INCHES

TOLERANCES:

<table>
<thead>
<tr>
<th>Value</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>X.XX</td>
<td>±0.020</td>
</tr>
<tr>
<td>X.XXX</td>
<td>±0.010</td>
</tr>
</tbody>
</table>

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE.

NOT ICE: Specified above are subject to change or revision.

Units are designed to meet Environmental ratings but not tested if Environmental Testing is required, please contact Sales Department.