SPECIFICATIONS:

- **FREQUENCY:** 0.5 GHz TO 18 GHz
- **INSERTION LOSS:** REFLECTIVE: 6.5db MAX.
  ABSORPTIVE: 7db MAX.
- **ISOLATION:** 0.5 GHz TO 18 GHz: 60db
- **VSWR:** REFLECTIVE IN/OUT: 2.0:1
  ABSORPTIVE IN/OUT: 2.0:1
- **SPEED:** RISE: 75ns MAX.
  FALL: 75ns MAX.
  DELAY: 75ns MAX.
- **POWER INPUT:** (CW)+20dBm
- **SURVIVAL POWER:** 1 WATT CW, 10 WATTS PEAK 1 usec
- **CONTROL:** TTL LOGIC "0"=ON "1"=OFF
- **POWER SUPPLY:** +5V @ 750 mA MAX.
  -5V @ 200mA MAX.

OPTIONS:

- DEC-MP: 4 BIT DECODER WITH MULTIPIN
- DEC-SP: 4 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
- 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)
  -85°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 204D COND. B
- **ALTITUDE:** MIL-STD-202F, METHOD 105C COND. B
- **TEMPERATURE CYCLE:** MIL-STD-202F, METHOD 107D COND. A

ALL DIMENSIONS ARE IN INCHES

TOLERANCES:

<table>
<thead>
<tr>
<th>Dimension</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>
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NOTE: SPECIFICATIONS WILL VARY DIVER OPERATING TEMPERATURE

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