**SPECIFICATIONS:**

- **FREQUENCY:** 0.5 GHz TO 18 GHz
- **INSERTION LOSS:** REFLECTIVE: 3.75db
 -absorptive: 4.25db
- **ISOLATION:** 0.5 GHz TO 18 GHz: 60db
- **VSWR:** REFLECTIVE IN/OUT: 2.0:1
 -absorptive IN/OUT: 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 @ 350 mA MAX.
  -5V @ 75mA MAX.(REFLECTIVE)
  100mA MAX.(ABSORPTIVE/NON-REFLECTIVE)

**OPTIONS:**

- DEC–SP: 3 BIT DECODER WITH SOLDER PIN
- 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 204D COND. B
- **ALTITUDE:** MIL-STD–202F, METHOD 105C COND. B
- **TEMPERATURE CYCLE:** MIL–STD–202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE.
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION.

**All dimensions are in inches.**

NOTE: Specifications 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.**