**SPECIFICATIONS:**

- **FREQUENCY:** 0.5 GHz TO 18 GHz
- **INSERTION LOSS:** REFLECTIVE: 4.0db  
  ABSORPTIVE: 4.5db
- **ISOLATION:** 0.5 GHz TO 18 GHz: 60db
- **VSWR:** REFLECTIVE IN/OUT: 2.0:1  
  ABSORPTIVE IN/OUT: 2.0:1
- **ABSORPTIVE OUT/OFF: 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 @ 400 mA MAX.  
  -5V @ 75mA MAX (REFLECTIVE)  
  100mA MAX (ABSORPTIVE/NO-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 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
- The above 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.

**REVISIONS**

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<tr>
<th>ZONE</th>
<th>REV.</th>
<th>DESCRIPTION</th>
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<tr>
<td>A</td>
<td>ORIGINAL RELEASE</td>
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**PART NO.**

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<td>DT=WITH DRIVER, NON-REFLECTIVE/ABSORPTIVE</td>
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**DRAWN:**

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**ISSUED:**

- SIZE: A 60483
- DWG NO. 100-3938-1 B
- SCALE N/S

**NOTE:**

- All dimensions are in inches
- Tolerances: X.XX ±0.020  
  X.XXX ±0.010

- Sheet 1 of 1