

DESCRIPTION:

PMI MODEL NUMBER P3T-0R5G4G-60-T-SFF-DEC IS A SINGLE POLE, THREE THROW NON-REFLECTIVE SWITCH DESIGNED TO OPERATE OVER THE 0.5GHZ TO 4.0GHZ FREQUENCY RANGE. THIS MODEL IS DESIGNED TO MAINTAIN LOW INSERTION LOSS, HIGH ISOLATION, AND FAST SWITCHING SPEED. THIS MODEL OFFERS LOW VIDEOD TRANSISENT PERFORMANCE OF 50MV MAXIMUM.

SPECIFICATIONS:

- FREQUENCY: 0.5 GHZ TO 4.0 GHZ
- INSERTION LOSS (0.6 - 2.5GHZ): 2.5dB MAXIMUM
- INSERTION LOSS (0.5 - 4.0GHZ): 3.0dB MAXIMUM
- ISOLATION: 60dB MINIMUM
- VSWR: 2.0:1 MAXIMUM
- SPEED: DN/DF - 50ns MAXIMUM
RISE/FALL - 15ns MAXIMUM
- POWER INPUT (OPERATING): +10dBm CW MAXIMUM
- VIDEOD LEAKAGE 50mV @ 350MHZ BW MAXIMUM (1)
- CONTROL: TTL LOGIC - SEE LOGIC TABLE
- POWER SUPPLY: +5V @ 150 mA NOMINAL
-12V @ 80 mA NOMINAL
- RF CONNECTORS: SMA FEMALE CONNECTORS
- DC CONNECTORS: SOLDER PINS
- SEALING HERMETIC
- FINISH PAINTED GRAY

- (1) After 50 nsec no video transient will be present
- (2) - Video filter is required on input and output ports.

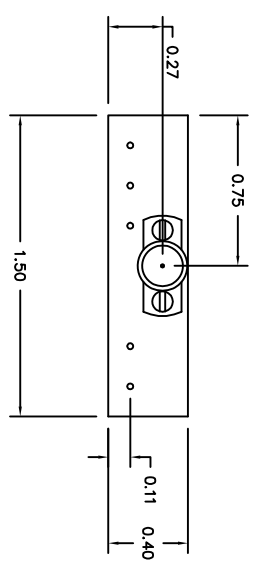
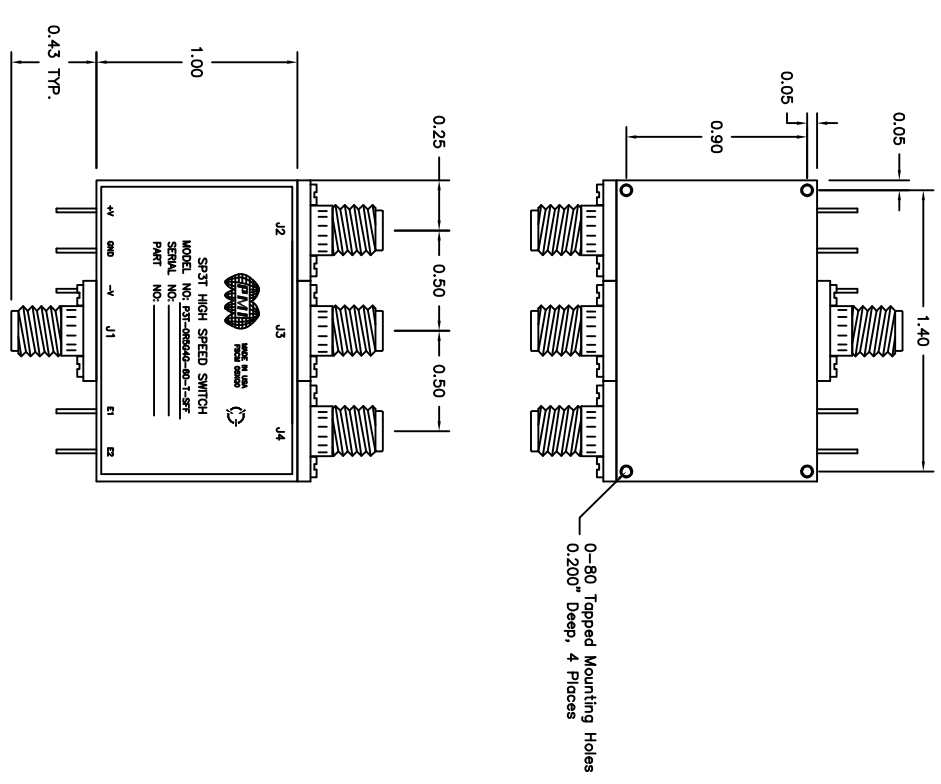
ENVIRONMENTAL RATINGS:

- TEMPERATURE: -45°C TD +90°C (OPERATING)
-54°C TD +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHODD 103B COND. B
- SHOCK: MIL-STD-202F, METHODD 213B COND. C
- VIBRATION: MIL-STD-202F, METHODD 204D COND. B
- SALT FOG: MIL-STD-202F, METHODD 101D+EST COND. B
- FUNGUS: MIL-STD-810F, METHODD 508.5

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE DR REVISION

REVISIONS		
ZONE	REV.	DESCRIPTION
	-	PRELIMINARY

DATE	APPROVED
6/3/10	



2 BIT DECODER	
E1	E2
0	0
0	1
1	0
1	1

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APPROVALS	DATE	TITLE
<i>JM</i>	6/9/10	PRODUCT FEATURE
DRAWN		P3T-0R5G4G-60-T-SFF-DEC
CHECKED		SIZE FSCM NO. DWG NO.
ISSUED		A 05X00 PRELIMINARY
		SCALE N:S SHEET 1 OF 1