

DESCRIPTION

PMI MODEL P1T-DC40-65-T-292FF-1NS-OPT26-LVTTL-OPT28 IS AN ABSORPTIVE, SINGLE POLE, SINGLE THROW FET SWITCH THAT OPERATES FROM 2.0 TO 8.0 GHZ. THIS MODEL INCORPORATES A TTL COMPATIBLE DRIVER FOR EASY SYSTEM INTEGRATION.

SPECIFICATIONS

- FREQUENCY RANGE: 2.0 to 8.0 GHz
- ISOLATION: 65 dB TYP, 55 dB MIN
- INSERTION LOSS: 2.5 dB TYP, 3.0 dB MAX
- VSWR IN / OUT: 2.0:1 MAX
- INPUT POWER: +17 dBm CW MAX
- SWITCHING SPEED: 6 ns TYP, 7 ns MAX
- RISE/FALL TIME: 1 ns TYP, 2 ns MAX
- DC VOLTAGE: +5 V @ 15 mA MAX
-5 V @ 40 mA MAX
- CONTROL LOGIC: "1"=ON @ 0V TO 1.2V
"0"=OFF @ 3.3V TO 5.5V
- CONNECTORS IN/OUT: SMA FEMALE CONNECTORS
- CONTROL CONNECTORS: SMC
- FINISH: BLUE PAINTED
- SIZE: 1.2" X 1.3" X 0.5"

*ROHS AND NON-ROHS AVAILABLE

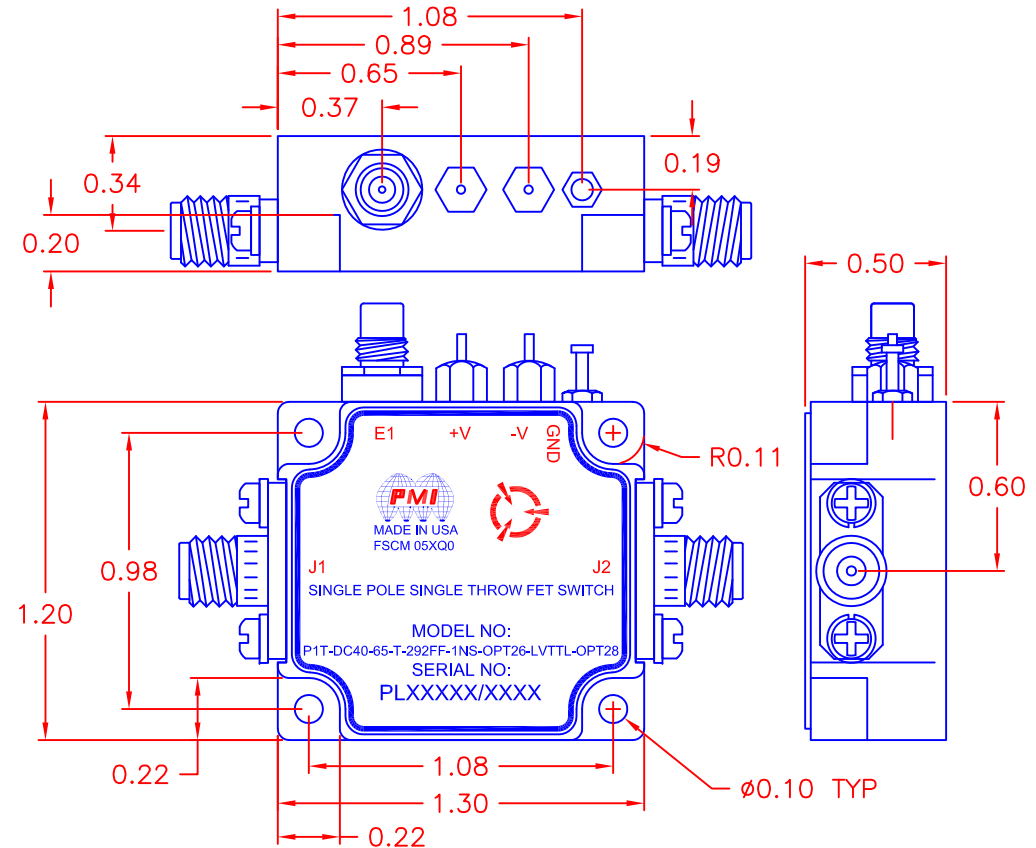
ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +85°C (OPERATING)
-55°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 107

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/27/19	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

APPROVALS		DATE	TITLE		
DRAWN	<i>JPU</i>	01/04/17	PRODUCT FEATURE		
REDRAWN	<i>EW</i>	11/27/19	SINGLE POLE SINGLE THROW FET SWITCH		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
			SCALE	SHEET	
			N:S	1 OF 1	