

DESCRIPTION

PMI MODEL P2T-500M18G-USB IS AN ABSORPTIVE, SINGLE POLE, TWO THROW PIN DIODE SWITCH THAT OPERATES OVER THE 0.5 GHz TO 18 GHz FREQUENCY RANGE. THIS MODEL IS POWERED AND CONTROLLED VIA A USB 2.0 PORT.

SPECIFICATIONS

- FREQUENCY RANGE:0.5 TO 18 GHz
- ISOLATION:60 dB MIN
- INSERTION LOSS:6.0 dB MAX
- VSWR IN / OUT:2.5:1 TYP
- INPUT POWER:+20 dBm CW MAX
- SURVIVAL POWER:1 W PEAK 1 usec

- CONNECTORS IN/OUT:SMA (F) REMOVABLE
- POWER AND CONTROL CONNECTOR:USB TYPE A PLUG

- SIZE: (L) 2.25" X (W) 1.00" X (H) 0.33"
- FINISH: GRAY EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.
- DRIVERLESS INSTALLATION: SIMPLY RUN THE PMI PROVIDED APPLICATION FROM ANY WINDOWS COMPUTER
*TESTED FOR COMPATIBILITY ON WINDOWS XP AND WINDOWS 7

- NO EXTERNAL POWER SUPPLIES: POWERED THROUGH USB

ENVIRONMENTAL RATINGS

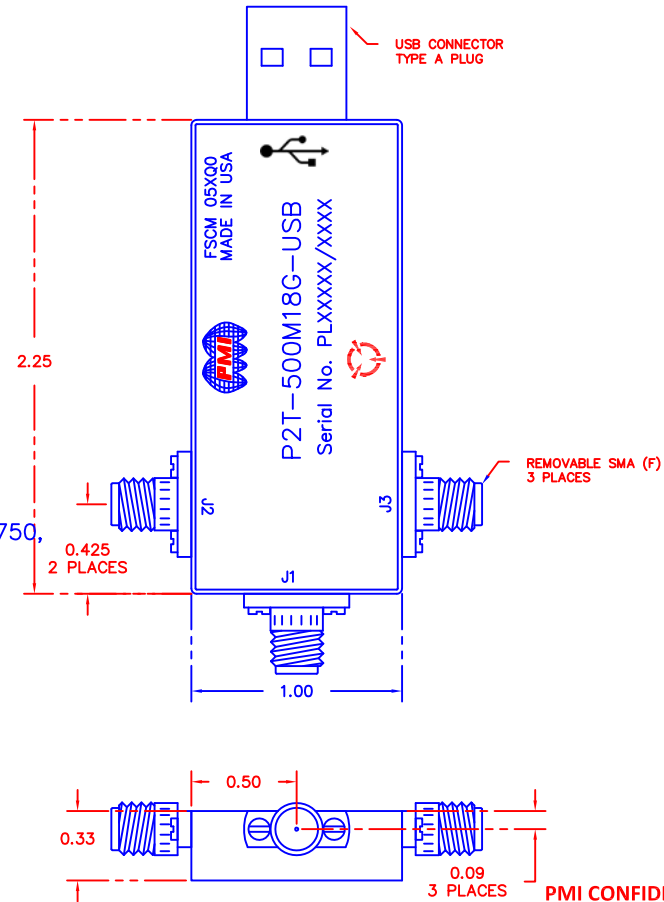
- **TEMPERATURE:**.....-40°C TO +85°C (OPERATING)
-55°C TO +125°C (STORAGE)

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

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	6/24/14	

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



APPROVALS		DATE	TITLE		
DRAWN	VR	6/24/14	OUTLINE DRAWING P2T-500M18G-USB		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	27022522
			SCALE	N: S	SHEET 1 OF 1
					REV. 1