

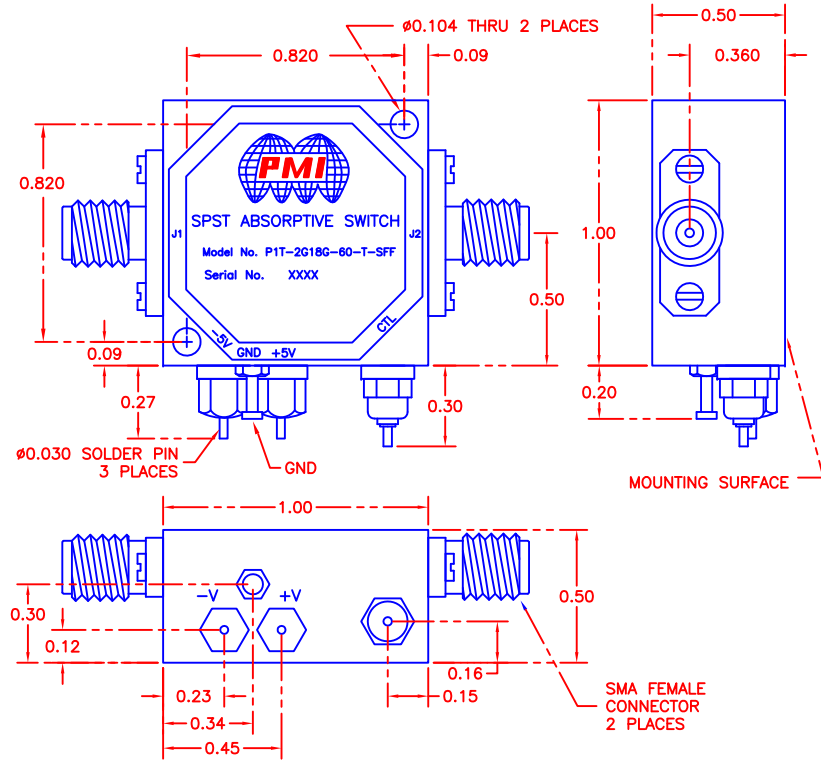
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	10/11/12	

DESCRIPTION:

PMI MODEL P1T-2G18G-60-T-SFF IS A SINGLE POLE SINGLE THROW, NON-REFLECTIVE/ABSORPTIVE SWITCH MODULE WITH LOW INSERTION LOSS, HIGH ISOLATION, HIGH SPEED AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR 2.0 GHz TO 18.0 GHz OPERATION.

SPECIFICATIONS:

- FREQUENCY:..... 2.0 GHz TO 18 GHz
- INSERTION LOSS:..... 3.5dB MAX.
- ISOLATION:..... 60db MIN.
- VSWR:..... IN/OUT: 2.0:1 MAX.
- SPEED:..... RISE: 15ns MAX.
FALL: 15ns MAX.
DELAY ON: 50ns MAX.
DELAY OFF: 50ns MAX.
- POWER INPUT:.....+10 dBm CW MAX. (OPERATING)
- SURVIVAL POWER:..... 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL:..... TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY:..... +5V @ 70 mA MAX.
-5V @ 100mA MAX.



ENVIRONMENTAL RATINGS:

- TEMPERATURE:.....-55°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: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:

X.XX ±0.020
X.XXX ±0.010

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 9001:2000 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN <i>K.M</i>		10/11/12	PRODUCT FEATURE P1T-2G18G-60-T-SFF SPST ABSORPTIVE SWITCH			-
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIM	
ISSUED			SCALE N:S		SHEET 1 OF 1	