

DESCRIPTION

PMI MODEL P2T-1090M-70-T-55-SFF IS A SINGLE POLE TWO THROW, ABSORPTIVE SWITCH MODULE WITH HIGH ISOLATION, LOW LOSS, HIGH SPEED AND WITH INTEGRAL TTL DRIVER

SPECIFICATIONS

- FREQUENCY: 1090MHz ± 60MHz
- INSERTION LOSS: 2.5dB Max
- ISOLATION: 70dB Min
- SWITCHING SPEED: 100ns Max
- OPERATING INPUT POWER: 0dBm Pulse Max
- SURVIVAL INPUT POWER: 0dBm CW Max
- RF CONNECTORS: SMA FEMALE
- CONTROL: TTL, SEE CONTROL TABLE
- POWER SUPPLY: +5V @ 65 mA
-5V @ 65 mA

- SIZE: (L)1.20" X (W)1.00" X (H)0.50"
- WEIGHT: 1.2 oz
- FINISH: PAINTED GRAY

CONTROL TABLE	
E1	CONDITION
"0"	J1 – J2 "ON"
"1"	J1 – J3 "ON"

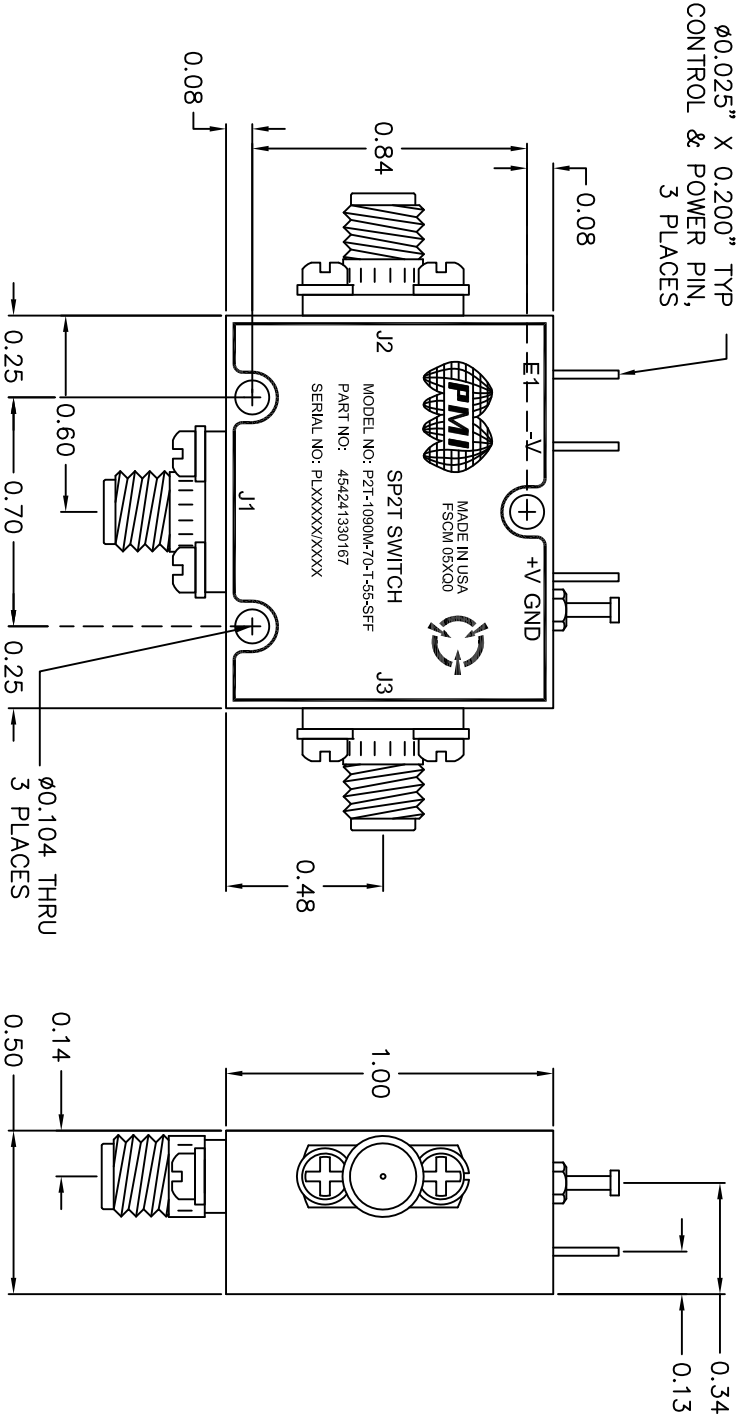
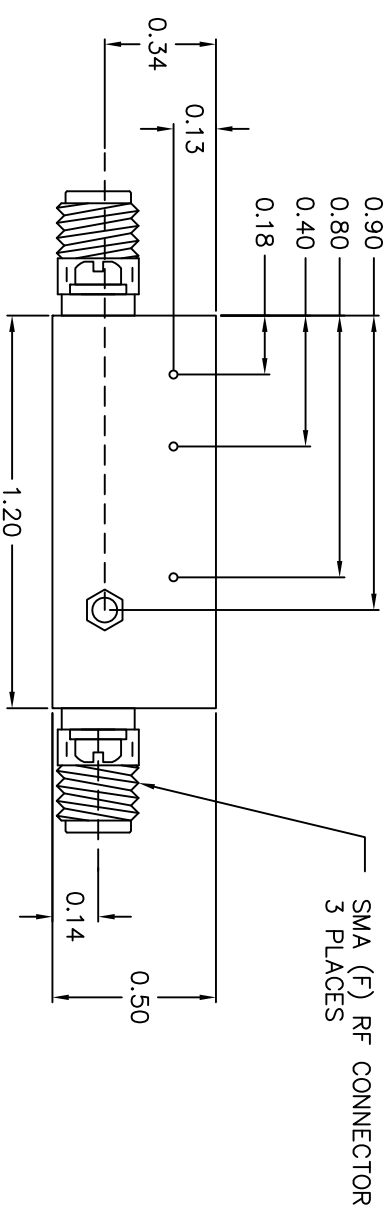
ENVIRONMENTAL RATINGS

- TEMPERATURE: 0°C TO + 55°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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	2/14/13

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 9001:2000 CERTIFIED



PRODUCT FEATURE

P2T-1090M-70-T-55-SFF

		TITLE			
APPROVALS	DATE	PRODUCT FEATURE P2T-1090M-70-T-55-SFF			
DRAWN gfk	2/14/13				
CHECKED					
ISSUED					
SIZE	FSCM NO.	DWG NO.	REV.		
A	05X00	27017901	A		
SCALE N:S		SHEET	1	OF	1