

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER
P6T-2G18G-55-R-512-SFF IS A REFLECTIVE SINGLE POLE, SIX
THROW SWITCH THAT OPERATES FROM 2 GHZ TO 18.0 GHZ

SPECIFICATIONS:

- FREQUENCY: 2 GHZ TO 18 GHZ
- INSERTION LOSS: 7dB Maximum
- INPUT POWER: 10dBm CW MAXIMUM
- RF POWER SURVIVAL: 25dBm
- VSWM: 2.0:1 Maximum I/O
- ISOLATION: 55dB Minimum
- SWITCHING SPEED: 15ns Maximum
- VIDEO TRANSIENTS: 15mV PP
- VIDEO TRANSIENTS SPECTRAL CONTENT: 65dBm
- DC VOLTAGE: 200mA @ +5VDC Typical
60mA @ -12VDC Typical
- FINISH: PAINTED GRAY
- CONNECTORS: SMA FEMALE
- SIZE: 1.00 X 1.40 X .300 (H)
- CONTROL: All TTL lines Pulled High "1"
All TTL lines "1" = NONE

TTL1 "0" = J0 to J1
TTL2 "0" = J0 to J2
TTL3 "0" = J0 to J3
TTL4 "0" = J0 to J4
TTL5 "0" = J0 to J5
TTL6 "0" = J0 to J6

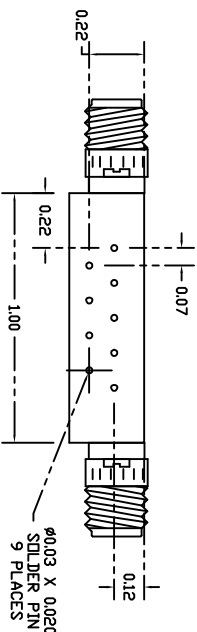
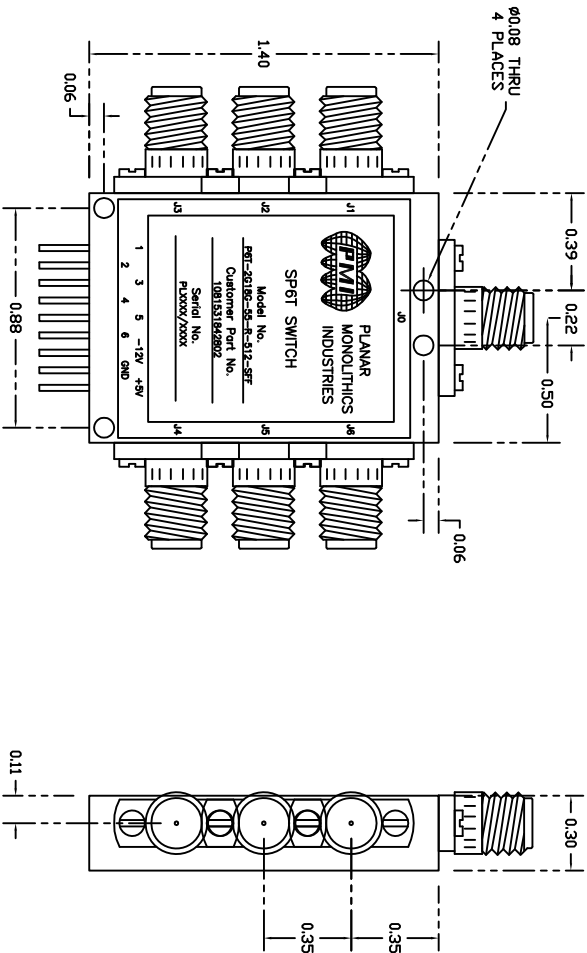
ENVIRONMENTAL RATINGS

- TEMPERATURE: -55°C TO +85°C (OPERATING)
-60°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. C
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- SALT FOG: MIL-STD-202F, METHOD 101D-EST COND. B
- THERMAL SHOCK: MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: MIL-STD-810F, METHOD 508.5
- EMI / EMC: MIL-STD-461E

Note: Environmental testing and ESS will be met, but actual testing is not done by PMI
Actual screening is available for an additional charge.

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	10/11/10



CONFIDENTIAL AND PROPRIETARY

PART NO.		DATE	
APPROVALS		DATE	
DRAWN: J. P. 10/11/10		DATE: 10/11/10	
CHECKED:		DATE:	
ISSUED:		DATE:	
TITLE: PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND		DATE: 10/11/10	
PRODUCT FEATURE: SP6T SWITCH		DATE: 10/11/10	
SIZE: 05X00		DWG NO.: 27013441	
SCALE: N.S.		SHEET: 1 of 1	
REV. A		REV. A	