

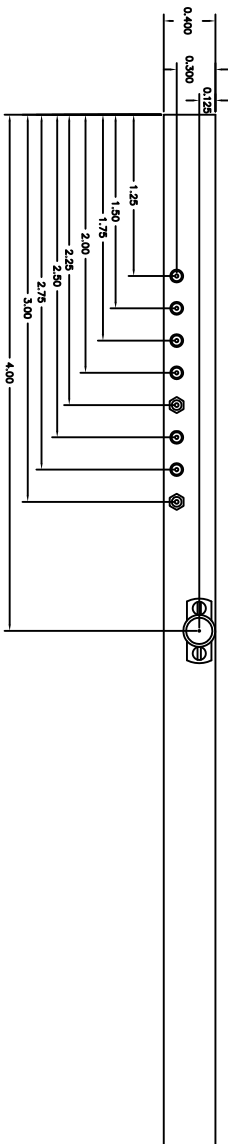
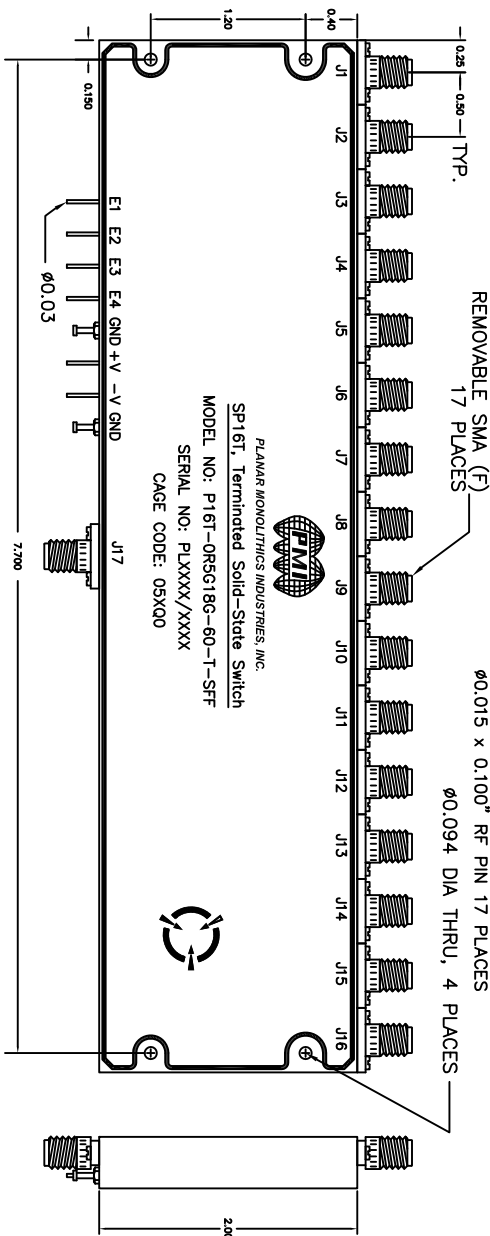
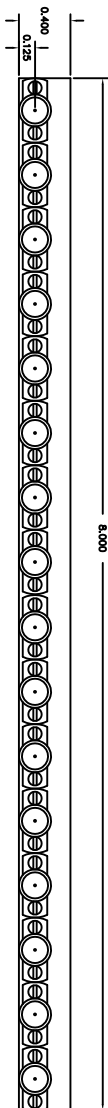
DESCRIPTION:

PMI Model No. P16T-0R5G18G-60-T-SFF is a high speed, single pole, sixteen throw, absorptive switch capable of switching within 100nsec. The frequency range is 0.5 to 18.0GHz and has over 60dB of isolation.

SPECIFICATIONS:

- FREQUENCY: 0.5 GHz TO 18 GHz
- INSERTION LOSS: 7.5dB MAX.
- ISOLATION: 60dB MIN.
- VSWR: ABSORPTIVE IN/OUT: 2.0:1 MAX.
ABSORPTIVE OUT/OFF: 2.0:1 MAX.
- SWITCHING SPEED: DELAY ON / OFF: 100ns TYP.
- POWER INPUT: +20dBm CW MAX. (OPERATING)
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: TTL LOGIC - 4 Bit Decoded (See Logic Table)
- POWER SUPPLY: +5V @ 850mA MAX.
-5V @ 300mA MAX.
- CONNECTORS: SMA - Female
- HOUSING: 8.0" x 2.0" x 0.4"
- FINISH: GOLD PLATING

LOGIC TABLE					
E1	E2	E3	E4	CONNECTOR	
0	0	0	0	J1 ON	
0	0	0	1	J2 ON	
0	0	1	0	J3 ON	
0	0	1	1	J4 ON	
0	1	0	0	J5 ON	
0	1	0	1	J6 ON	
0	1	1	0	J7 ON	
0	1	1	1	J8 ON	
1	0	0	0	J9 ON	
1	0	0	1	J10 ON	
1	0	1	0	J11 ON	
1	0	1	1	J12 ON	
1	1	0	0	J13 ON	
1	1	0	1	J14 ON	
1	1	1	0	J15 ON	
1	1	1	1	J16 ON	



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -54°C TO +95°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 107 COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
A	1/28/11	ORIGINAL RELEASE	
B	2/28/11	SMALLER PACKAGE HOUSING	
C	4/11/11	UPDATED SPECS	

PLANAR MONOLITHICS INDUSTRIES, INC.

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PRODUCT FEATURE

P16T-0R5G18G-60-T-SFF

APPROVALS		DATE	
DRAWN	2/28/11	SIZE	FROM NO.
CHECKED		A	05X00
ISSUED		DWG NO.	27013681
SCALE N:S		SHEET	1 OF 1