

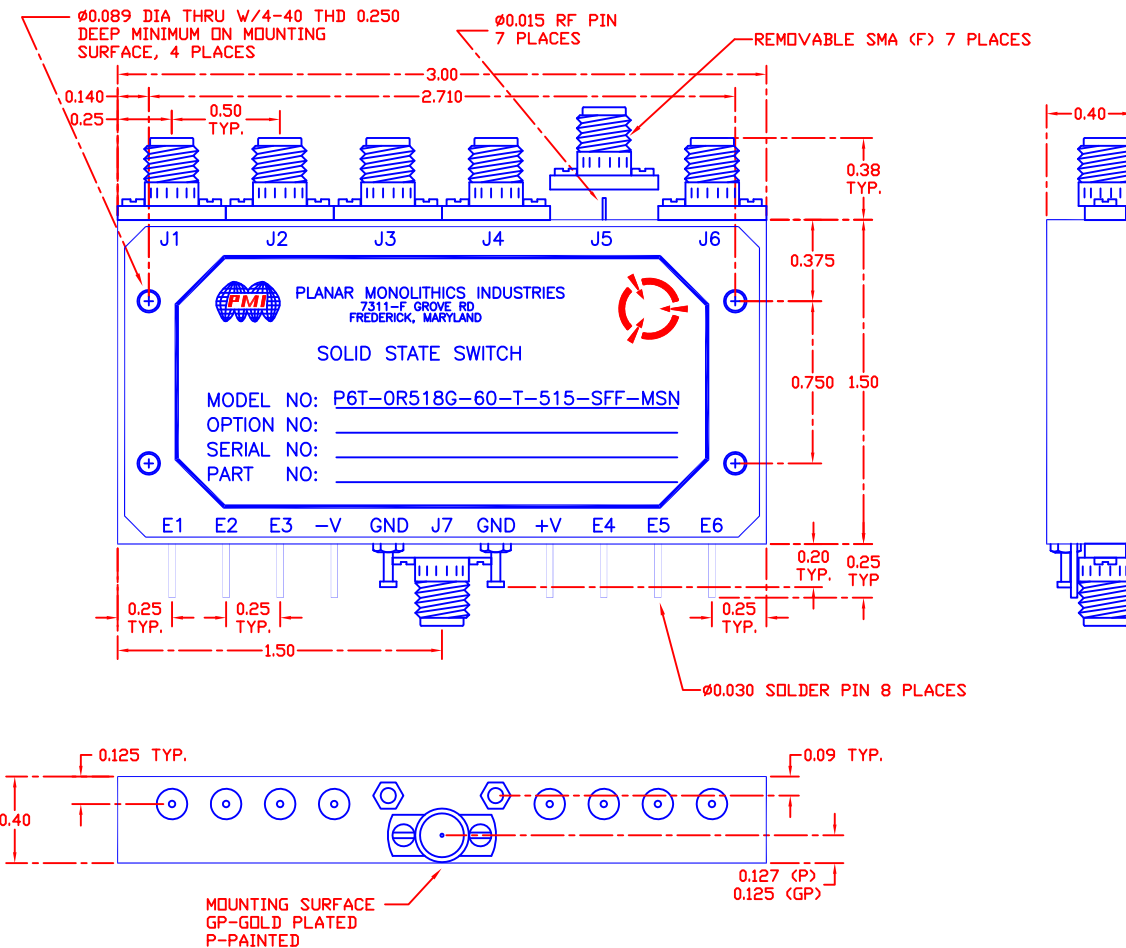
**DESCRIPTION:**

PMI Model No. P6T-0R518G-60-T-515-SFF-MSN is an absorptive, single pole, six throw pin diode switch that operates over the 0.5 to 18.0 GHz frequency range.

**SPECIFICATIONS:**

- FREQUENCY: ..... 0.5 GHz TO 18.0 GHz
- INSERTION LOSS: ..... 4.25 dB
- ISOLATION: ..... 0.5 GHz TO 18.0 GHz: 60 dB
- VSWR: ..... IN/OUT: 2.0:1  
OUT/OFF: 2.0:1
- SPEED: ..... RISE: 10ns TYPICAL, 15ns MAX.  
FALL: 10ns TYPICAL, 15ns MAX.  
DELAY ON: 75ns TYPICAL, 100ns MAX.  
DELAY OFF: 75ns TYPICAL, 100ns MAX.
- POWER INPUT: ..... (CW)+20dBm (STANDARD), +10 dBm (HIGH SPEED)
- SURVIVAL POWER: ..... 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: ..... TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: ..... +5V @ 300 mA MAX.  
-15V @ 100mA MAX.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/1/17	



**ENVIRONMENTAL RATINGS:**

- TEMPERATURE: ..... -40°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  $\pm 0.020$
- X.XXX  $\pm 0.010$

PART NO.		PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN CW	12/1/17	PRODUCT FEATURE P6T-0R518G-60-T-515-SFF-MSN		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	60483	PRELIMINARY
		SCALE	N/S	SHEET 1 of 1