

DESCRIPTION

PMI Model No. P8T-0R518G-60-T-515-SFF-MSN is an absorptive, single pole, eight 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:----- 4.5 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 @ 400 mA MAX.
-15V @ 100mA MAX.
- FINISH:----- BLUE PAINTED

ENVIRONMENTAL RATINGS

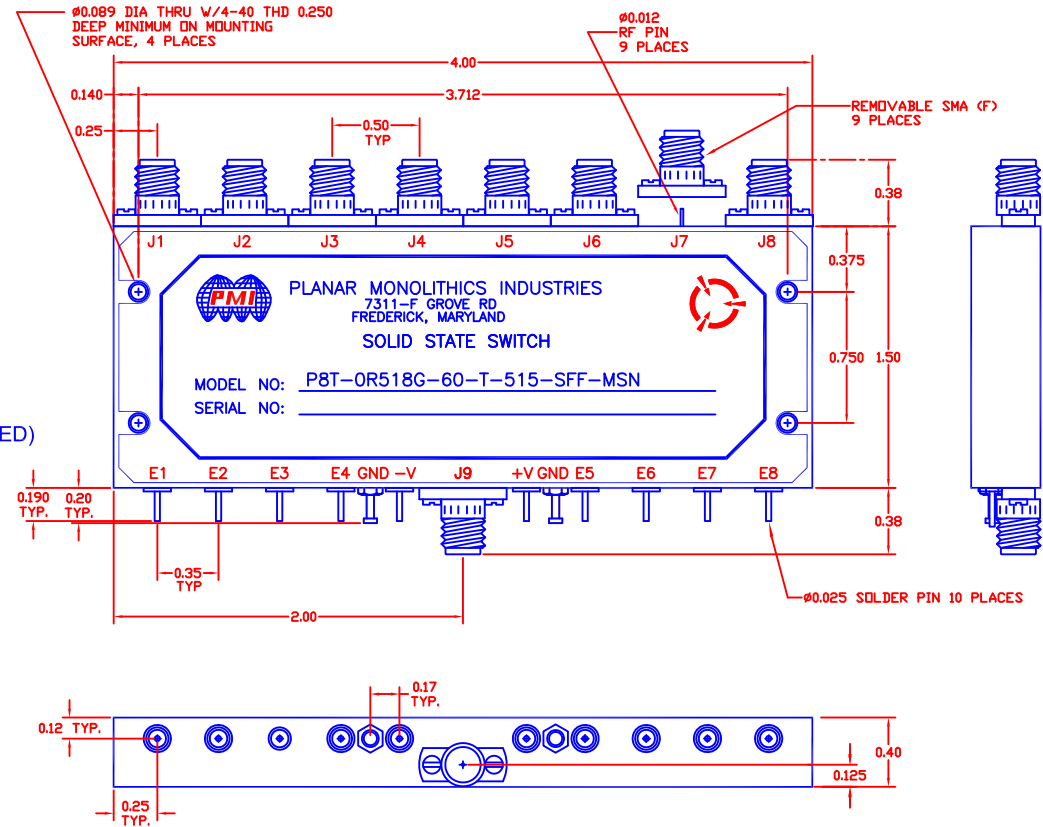
- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/30/2018	

MECHANICAL OUTLINE



ALL DIMENSIONS ARE IN INCHES (mm)
TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

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APPROVALS		DATE	TITLE			REV.
DRAWN <i>JPU</i>		01/30/18	PRODUCT FEATURE P8T-0R518G-60-T-515-SFF-MSN			A1
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. 27033940	
ISSUED			SCALE N:S		SHEET 1 OF 1	