

DESCRIPTION

THE MODEL P8T-0R5G18G-60-R-SFF-PN IS A HIGH SPEED, SINGLE POLE, EIGHT THROW, REFLECTIVE SWITCH CAPABLE OF SWITCHING WITHIN 100ns. THE FREQUENCY RANGE IS 0.5 TO 18.0 GHz AND THIS SWITCH HAS OVER 55dB OF ISOLATION.

SPECIFICATIONS

- FREQUENCY RANGE: 0.5 TO 18.0 GHz
- ISOLATION: 55dB MIN
- INSERTION LOSS: 4dB TYP
- VSWR IN/OUT: 2.0:1 MAX
- OPERATING INPUT POWER: +20dBm CW
- SWITCHING SPEED: 100 ns MAX
- DC VOLTAGE AND CURRENT: +5VDC @ 400mA
-5VDC @ 100mA
- CONTROL SIGNAL: EIGHT LINE TTL
 - E1 CONTROLS J1-J2
 - E2 CONTROLS J1-J3
 - E3 CONTROLS J1-J4
 - E4 CONTROLS J1-J5
 - E5 CONTROLS J1-J6
 - E6 CONTROLS J1-J7
 - E7 CONTROLS J1-J8
 - E8 CONTROLS J1-J9
 - "0" ISOLATION
 - "1" INSERTION LOSS
- CONNECTORS: SMA (F)
- SIZE: 4.0" X 1.5" X 0.4"
- FINISH: BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.

ENVIRONMENTAL RATINGS

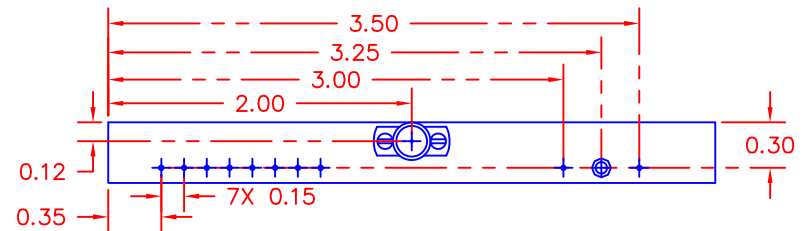
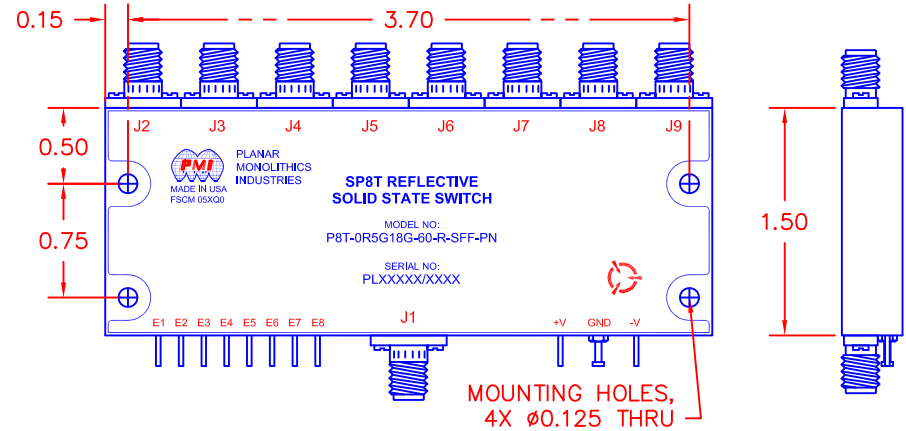
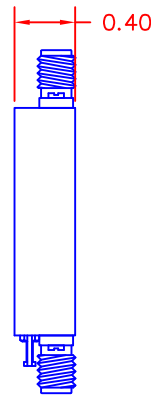
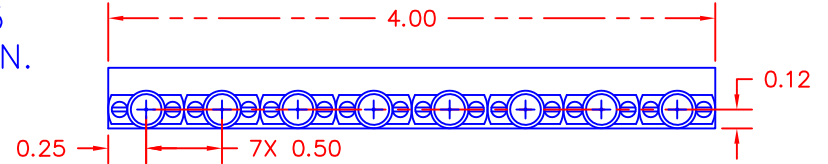
- TEMPERATURE: -40°C TO +85°C (OPERATING)
-55°C TO +125°C (STORAGE)

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

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	01/14/16	
	A1	ECN # 16-0143	10/10/16	



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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>B. Thomas</i>		01/14/16	PRODUCT FEATURE P8T-0R5G18G-60-R-SFF-PN		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27027601
ISSUED			SCALE N:S		REV. A1
				SHEET	1 OF 1