

DESCRIPTION

THE MODEL P8T-0R5G18G-60-T-SFF-PN IS A HIGH SPEED, SINGLE POLE, EIGHT THROW, ABSORPTIVE 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: 4.5dB MAX
- 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)
- FINISH: PAINTED GRAY
- SIZE: 4.0" X 1.5" X 0.4"

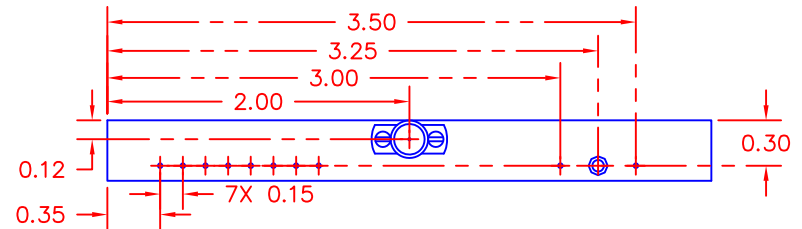
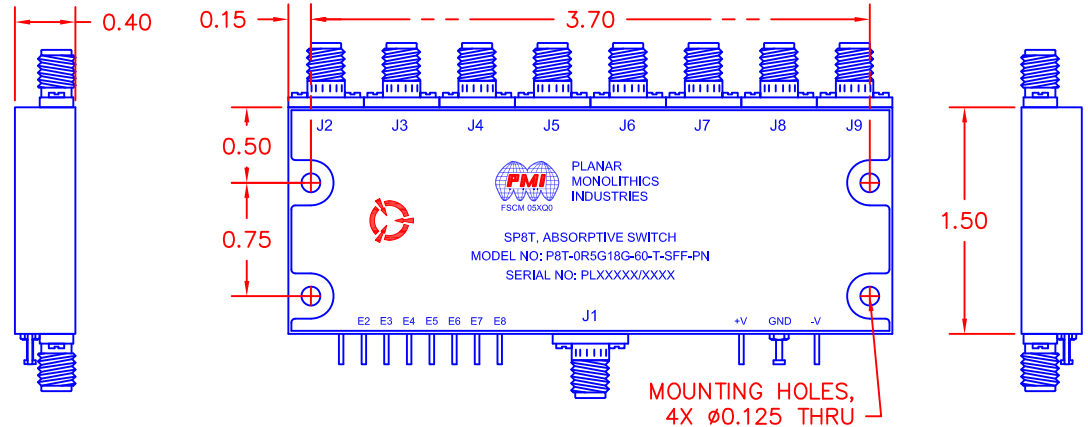
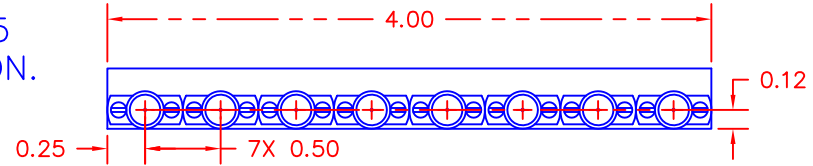
ENVIRONMENTAL RATINGS

- 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
WEIGHT: 2.75 oz.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	09/10/15	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE		
DRAWN <i>B. Thomas</i>		09/10/15	PRODUCT FEATURE		
CHECKED			P8T-0R5G18G-60-T-SFF-PN		
ISSUED			0.5 TO 18.0 GHz HIGH SPEED SWITCH 8 THROW		
SIZE	FSCM NO.	DWG NO.	REV.		
A	05XQ0	27016568	A1		
SCALE N:S		SHEET		1 OF 1	