

DESCRIPTION

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

SPECIFICATIONS

- FREQUENCY RANGE:.....0.5 TO 18.0 GHz
- ISOLATION.....60dB MIN
- INSERTION LOSS.....4.5dB MAX
- VSWR IN/OUT.....2.0:1 MAX
- OPERATING INPUT POWER.....+20dBm CW
- SWITCHING SPEED.....100 nSEC 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.....GOLD PLATED
- SIZE.....4.0" X 1.5" X 0.4"

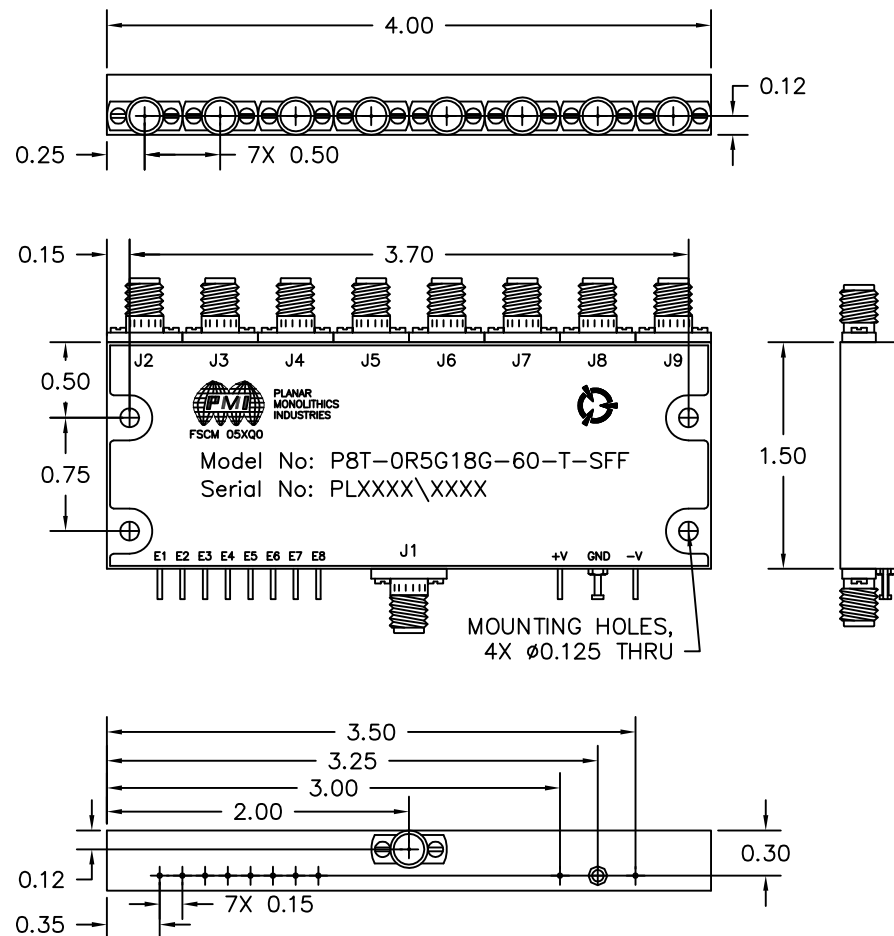
ENVIRONMENTAL RATINGS

- **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 107D COND. A

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	1/24/11	



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APPROVALS		DATE		TITLE	
DRAWN		1/24/11		PRODUCT FEATURE	
CHECKED				P8T-0R5G18G-60-T-SFF	
ISSUED				0.5 TO 18.0 GHz HIGH SPEED SWITCH 8 THROW	
SIZE	FSCM NO.	DWG NO.	REV.		
A	05XQ0	27013821	A		
SCALE N:S		SHEET		1 OF 1	