

DESCRIPTION

PMI MODEL P1T-9D39D5-15-SFF IS A HIGH SPEED SINGLE POLE SINGLE THROW SWITCH CAPABLE OF SWITCHING WITHIN 20 nS. THE FREQUENCY RANGE IS 9.3 TO 9.5 GHZ. THIS SWITCH HAS > 70 dB ISOLATION.

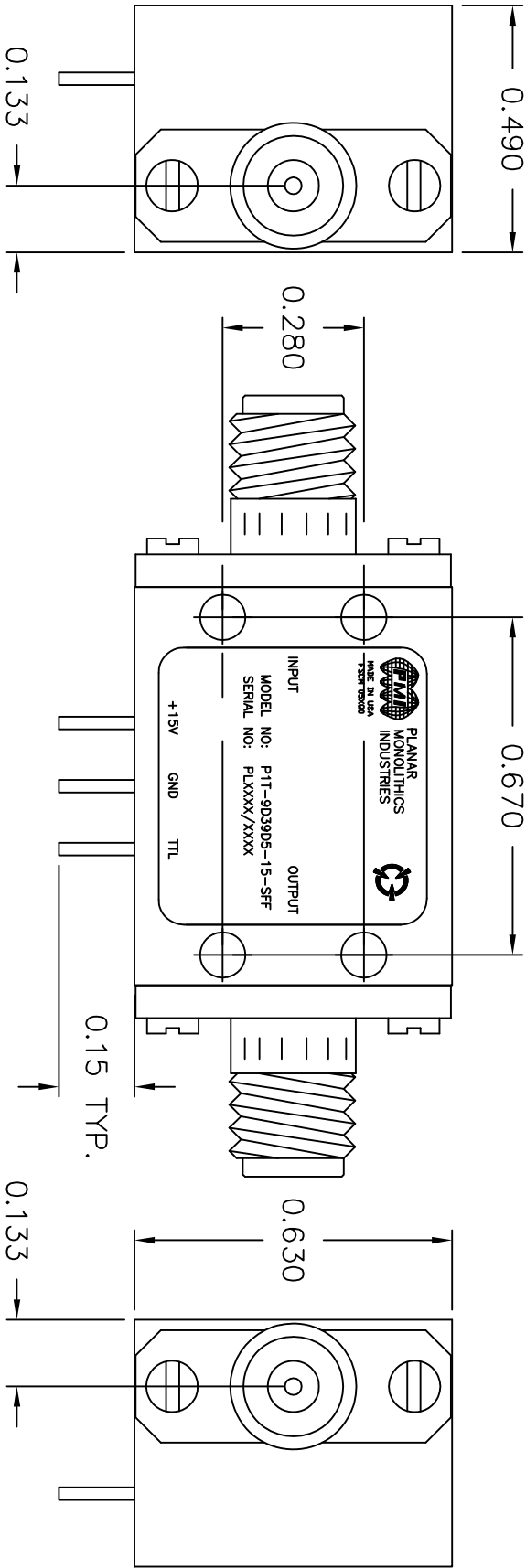
SPECIFICATIONS

- FREQUENCY RANGE: 9.3 TO 9.5 GHZ
- ISOLATION: 70 dB MIN
- INSERTION LOSS: 3.0 dB MAX
- VSWR IN / OUT: 2 : 1 MAX
- INPUT POWER: +15 dBm CW MAX
- RF SWITCHING SPEED: 20 nS MAX
- DC VOLTAGE: +15 VDC @ 60 mA
- CONTROL SIGNAL: 0 VDC OFF
+5 VDC ON
- CONNECTORS IN/OUT: SMA (F)
- FINISH: PAINTED GRAY

ENVIRONMENTAL RATINGS

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



MECHANICAL OUTLINE

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	12/17/09

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DIMENSIONS ±.001 ANGLES ±.001				PART NO.	
MATERIAL: XXXXX				APPROVALS	DATE
FINISH:				DRAWN JJD	12/17/09
NEXT ASST				ISSUED	
USED ON					
APPLICATION					
DO NOT SCALE DRAWING					

PLANAR MONOLITHICS INDUSTRIES 5715 INDUSTRY LANE UNIT 11 FREDERICK, MARYLAND			
OUTLINE DRAWING			
P1T-9D39D5-15-SFF			
SIZE B	FSOM NO.	DWG NO.	REV. A
SCALE N/S			
SHEET 1 OF 2			

