

DESCRIPTION

PMI MODEL NO. P2T-3G6G-60-R-TNC-150W IS A SINGLE POLE, TWO THROW, REFLECTIVE SWITCH THAT OPERATES OVER THE FREQUENCY RANGE OF 3.0 TO 6.0 GHZ. IT HAS A TYPICAL INSERTION LOSS OF 1 dB AND A MINIMUM ISOLATION OF 60 dB. THIS MODEL IS OUTFITTED WITH TNC FEMALE CONNECTORS AND A 9-PIN D FEMALE CONNECTOR.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 3.0 TO 6.0 GHZ
- INSERTION LOSS: ----- 1 dB TYP
- ISOLATION: ----- 60 dB MIN
- VSWR: ----- 1.75:1
- POWER HANDLING: ----- 150 WATTS CW
- SWITCHING SPEED: ----- 1 us TYP
- POWER SUPPLY: ----- +5 V @ 450 mA
-48 V / -70 V @ 100 mA
- CONTROL: ----- TTL
"1" = J1-J2 LOW LOSS
"0" = J1-J3 LOW LOSS
- RF CONNECTORS: ----- TNC FEMALE
- CONTROL CONNECTOR: ----- 9-PIN D FEMALE
- SIZE: ----- 2.00" x 2.00" x 0.75"
- FINISH: ----- PAINTED BLUE
(NO PAINT ON MOUNTING SURFACE)
- DC/CTL CONNECTIONS: -----

DC/CTL	CONNECT TO
1	-48 / -70V
2	GROUND
3	CONTROL
4	+5V
5	NC
6	GROUND
7	GROUND
8	GROUND
9	GROUND

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40°C TO +85°C
- ENVIRONMENTAL: ----- MIL-STD-810E
- EMI/EMC: ----- MIL-STD-461

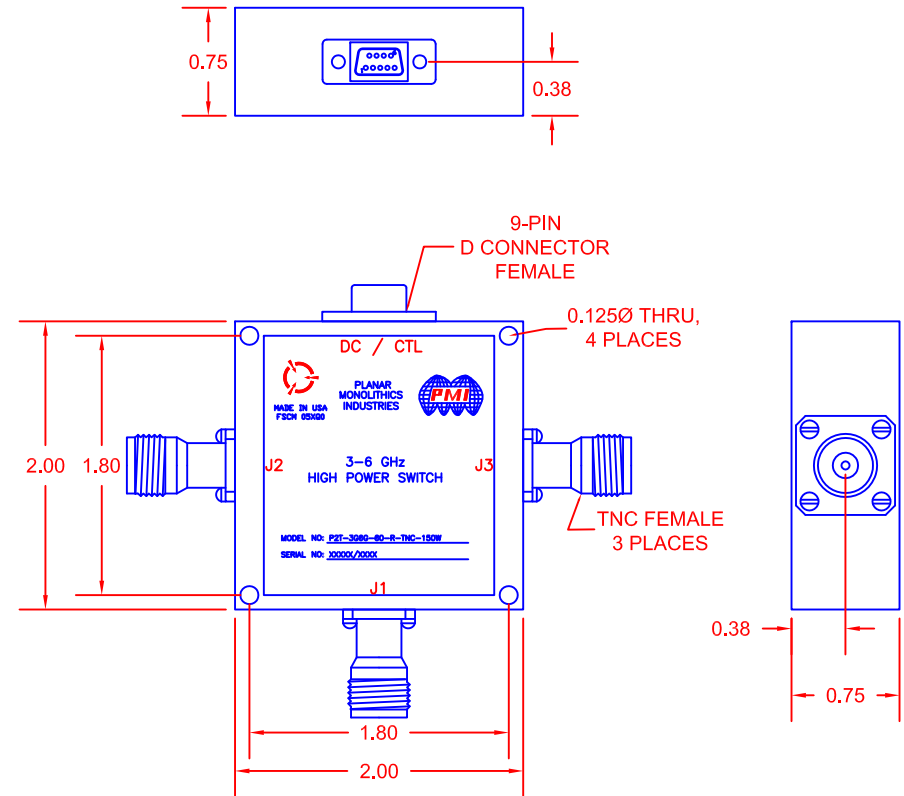
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

ALL DIMENSIONS
ARE IN INCHES [mm]
TOLERANCES:
X,XX ±0.020
X,XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/12/2019	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.
7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: (301)-662-5019, FAX: (301)-662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN <i>EW</i>		2/12/10	PRODUCT FEATURE P2T-3G6G-60-R-TNC-150W SP2T REFLECTIVE SWITCH			-
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	
ISSUED			SCALE N:S	SHEET 1 OF 1		