

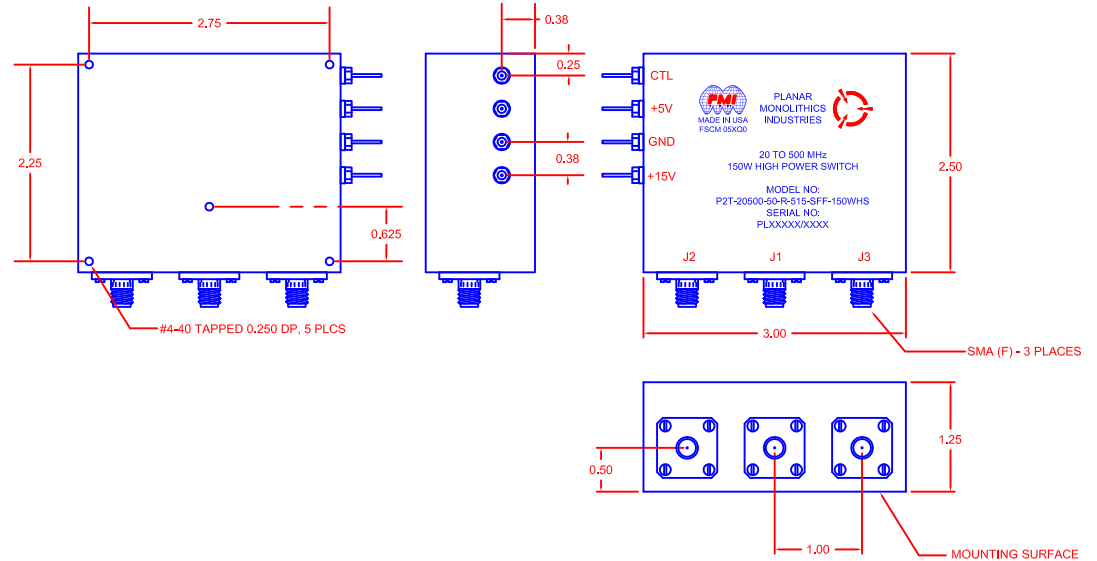
DESCRIPTION

PMI MODEL NUMBER P2T-20500-50-R-515-SFF-150WHS IS A SINGLE POLE, TWO THROW REFLECTIVE SWITCH DESIGNED TO OPERATE OVER THE 20 MHz TO 500 MHz FREQUENCY RANGE. THIS MODEL IS DESIGNED TO HANDLE 150 WATTS CW (HOT SWITCH).

SPECIFICATIONS

- FREQUENCY: 20 TO 500 MHz
- INPUT POWER: 150 WATTS CW (HOT SWITCH)
- INSERTION LOSS: 0.5 dB MAX
- ISOLATION: 50 dB MIN
- VSWR: 1.4:1
- SWITCHING SPEED: 40 us
- POWER SUPPLY: +15V @ 250 mA, +5V @ 40 mA TYPICAL
- CONTROL: TTL (SEE LOGIC TABLE)
- FINISH: NO PAINT ON MOUNTING SURFACE
BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.
- CONNECTORS: SMA FEMALE (J1, J2, J3) AND SOLDER PINS

LOGIC TABLE	
TTL	STATE
"0"	J1-J2 ON
"1"	J1-J3 ON



ENVIRONMENTAL RATINGS

- TEMPERATURE: -20°C TO +70°C (OPERATING - BASE PLATE)
..... -55°C TO +85°C (NON-OPERATING)

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

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	6/9/2020	

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN	<i>JPH</i>	6/9/20	PRODUCT FEATURE P2T-20500-50-R-515-SFF-150WHS 20 to 50 MHz High Power Switch		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1
					REV. -