

**DESCRIPTION:**

PMI MODEL NUMBER P4T-0R5G18G-55-T-SFF-PN-OPT900M1500M IS A SINGLE POLE, FOUR THROW NON-REFLECTIVE SWITCH DESIGNED TO OPERATE OVER THE 0.9 GHz TO 1.5 GHz FREQUENCY RANGE. THIS MODEL IS DESIGNED TO MAINTAIN LOW INSERTION LOSS, HIGH ISOLATION, AND FAST SWITCHING SPEED.

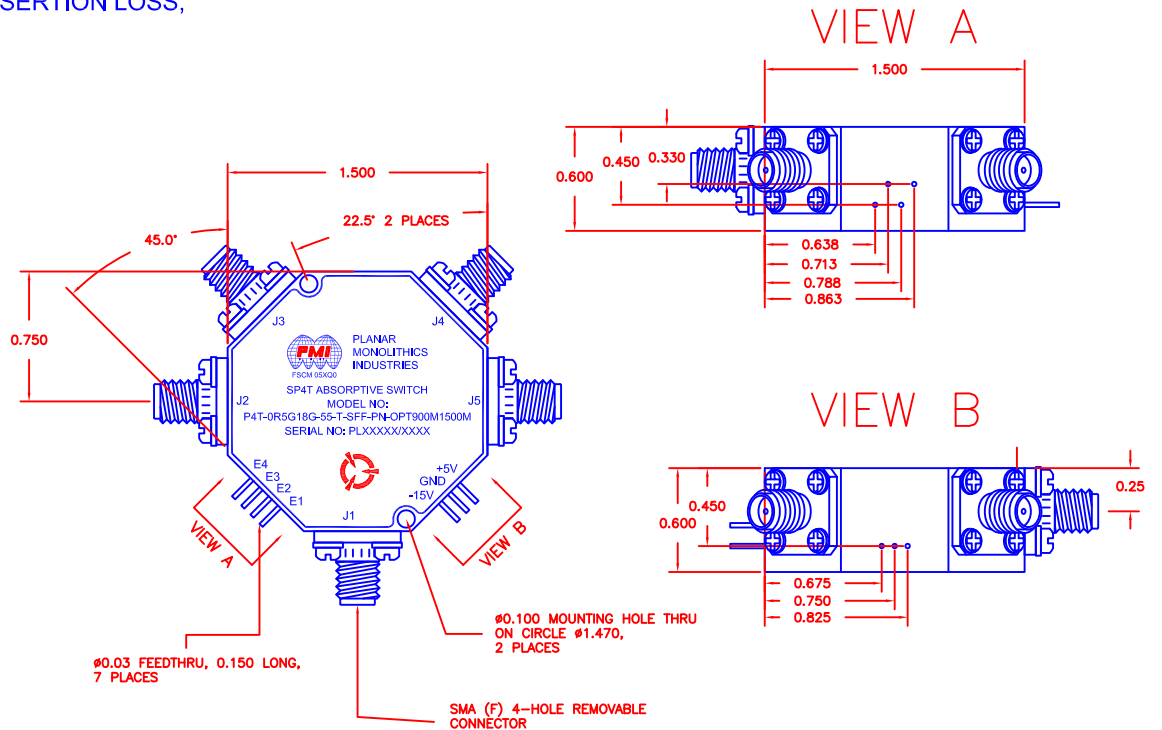
**SPECIFICATIONS: (At +25°C)**

- FREQUENCY: ..... 0.9 GHz TO 1.5 GHz
- INSERTION LOSS: ..... 1.0 dB MAXIMUM
- ISOLATION: ..... 60 dB MINIMUM
- VSWR: ..... 1.5:1 MAXIMUM
- SPEED: ..... 100 ns MAXIMUM
- IMPEDANCE: ..... 50 OHMS
- CONTROL: ..... TTL Logic "0" = Low Loss  
 TTL Logic "1" = Isolation  
 E1 Controls J1 - J2  
 E2 Controls J1 - J3  
 E3 Controls J1 - J4  
 E4 Controls J1 - J5
- POWER INPUT (OPERATING): ..... +20 dBm CW MAXIMUM
- POWER SUPPLY: ..... +5V @ 160 mA NOMINAL  
 -15V @ 50 mA NOMINAL
- RF CONNECTORS: ..... SMA FEMALE CONNECTORS
- DC CONNECTORS: ..... SOLDER PINS
- FINISH: ..... PAINTED BLUE

**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



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	09/12/17	

PMI CONFIDENTIAL AND PROPRIETARY

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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>B. Thomas</i>		09/11/15	PRODUCT FEATURE		
REDRAWN <i>EMF</i>		09/12/17	P4T-0R5G18G-55-T-SFF-PN-OPT900M1500M		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
			SCALE	N:S	REV. -
				SHEET	1 OF 1

ALL DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 X.XX ±0.020  
 X.XXX ±0.010  
 WEIGHT: 2.75 oz.