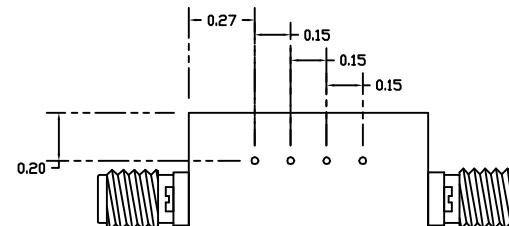


DESCRIPTION:

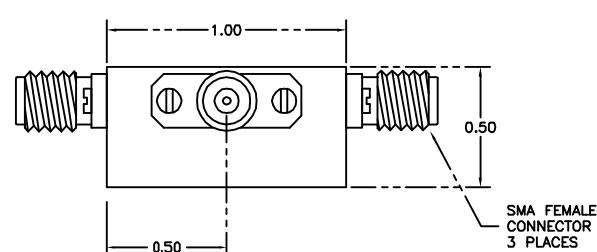
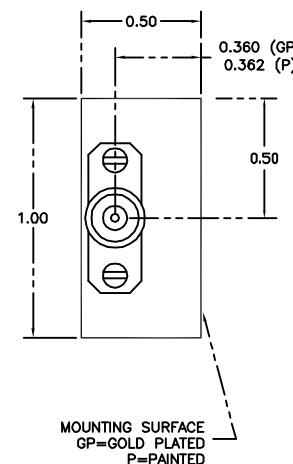
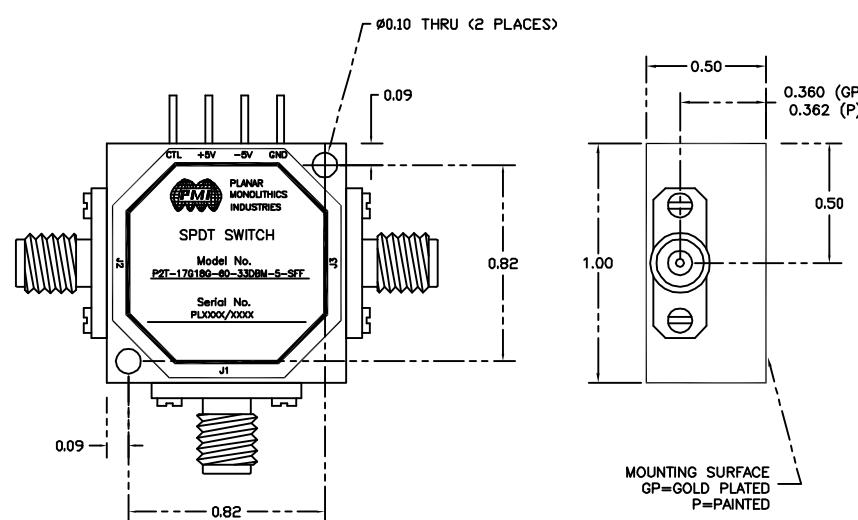
PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER P2T-17G18G-60-33DBM-5-SFF IS A SINGLE POLE, TWO THROW REFLECTIVE SWITCH THAT OPERATES FROM 17.0 GHZ TO 18.0 GHZ WHICH HANDLES 33DBM CW POWER. THE PORT TO PORT ISOLATION IS 70DB TYPICAL AND 60DB MINIMUM. THIS MODEL HAS LOW INSERTION LOSS WHILE STILL OFFERING A FAST SWITCHING SPEED OF 100NSEC MAXIMUM.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
A		ORIGINAL RELEASE	1/13/10	



SPECIFICATIONS:

- FREQUENCY:..... 17.0 TO 18.0 GHZ
- INSERTION LOSS:..... 1.5 dB Typical, 2.0dB Maximum
- INPUT POWER:..... +33dBm CW Maxumim
- VSWR:..... 2.0:1 Maxumim
- ISOLATION:..... 70dB Typical, 60dB Minimum
- SWITCHING SPEED:..... 100nsec Maximum
- CONTROL: TTL Logic "0" = J1 to J2
TTL Logic "1" = J1 to J3
- DC VOLTAGE..... 60mA @ +5VDC Typical
60mA @ -5VDC Typical
- CONNECTORS..... SMA FEMALE
- SIZE:..... 1.00 X 1.00 X .500 (H)
- WEIGHT:..... 1.5 OZ. TYPICAL



ENVIRONMENTAL RATINGS

- TEMPERATURE: -55°C TO +85°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 204B COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

CONFIDENTIAL AND PROPRIETARY

PART NO.	PLANAR MONOLITHICS INDUSTRIES	
APPROVALS		
DRAWN	KM 9/10/09	
CHECKED		
ISSUED	SIZE FSCM NO.	DWG NO.
	A 05XQ0	27011681
	SCALE N:S	SHEET 1 of 1