

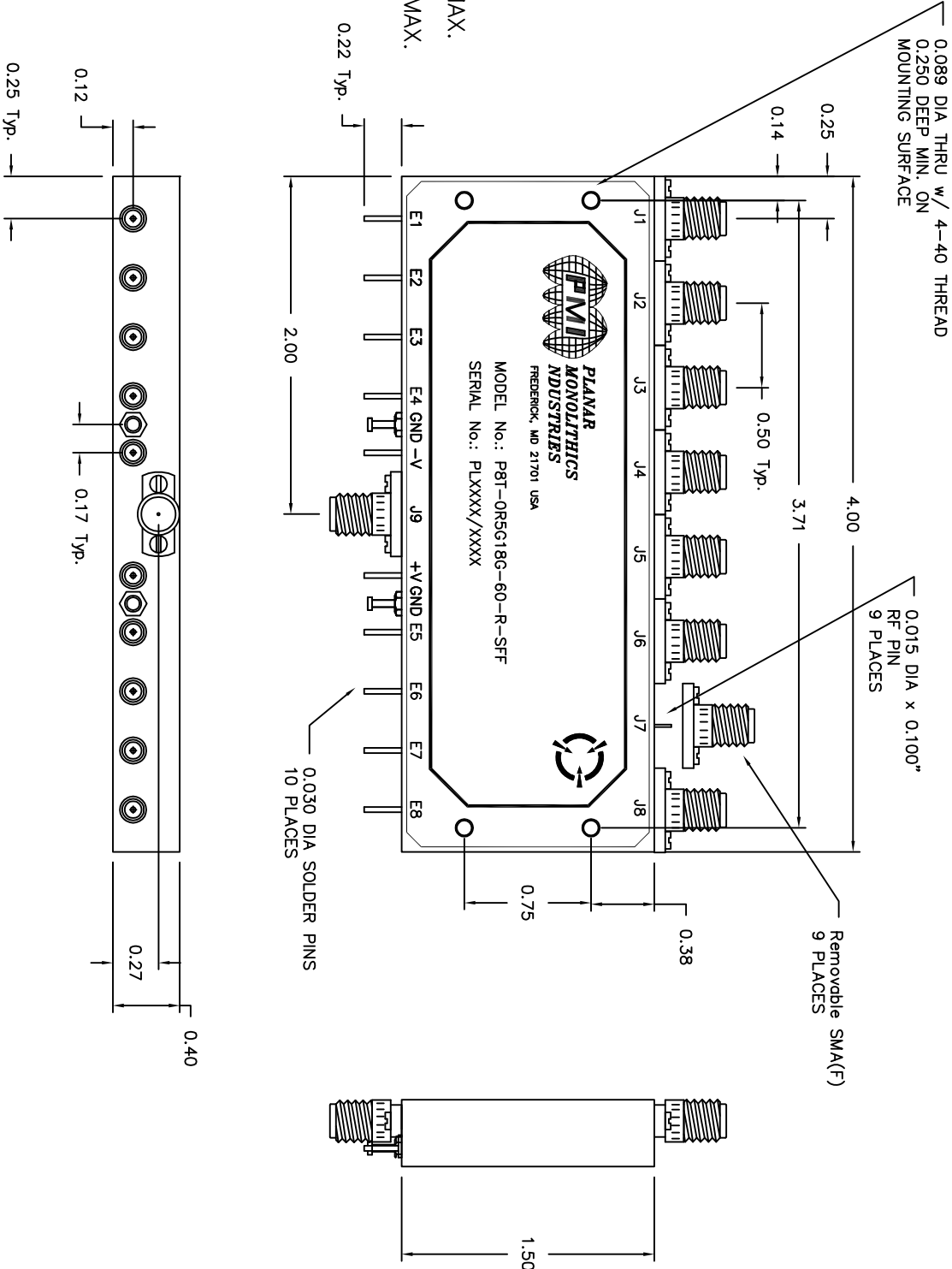
REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	PRELIMINARY RELEASE	10/6/10

DESCRIPTION:

PMI Model No. P8T-0R5G18G-60-R-SFF is a high speed, single pole, eight throw, reflective switch capable of switching within 100nsec. The frequency range is 0.5 to 18.0GHz and has over 60dB of isolation.

SPECIFICATIONS:

- FREQUENCY RANGE: 0.5 TO 18GHz
- INSERTION LOSS: 4.0dB MAXIMUM
- ISOLATION: 60dB MINIMUM
- VSWR: 2.0:1 MAXIMUM
- SPEED RISE: 10NSEC TYP., 15NSEC MAX.
FALL: 10NSEC TYP., 15NSEC MAX.
DELAY ON: 75NSEC TYP., 100NSEC MAX.
DELAY OFF: 75NSEC TYP., 100NSEC MAX.
- OPERATING POWER INPUT +20dBm CW MAXIMUM
- SURVIVAL POWER: 1 WATT CW
- CONTROL TTL LOGIC "0" = ON & "1" = OFF
- POWER SUPPLY: +5V @ 400mA MAXIMUM
-5V @ 75mA MAXIMUM



ENVIRONMENTAL RATINGS

- TEMPERATURE: -54°C TO +95°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 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

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TITLE

PRODUCT FEATURE

APPROVALS

DATE

DRAWN

10/6/10

REDRAWN

ISSUED

SIZE

FSCM NO.

DWG NO.

A

05XQ0

PRELIMINARY

REV.

ALL DIMENSIONS ARE IN INCHES

TOLERANCES:
X.XX ±0.020
X.XXX ±0.010