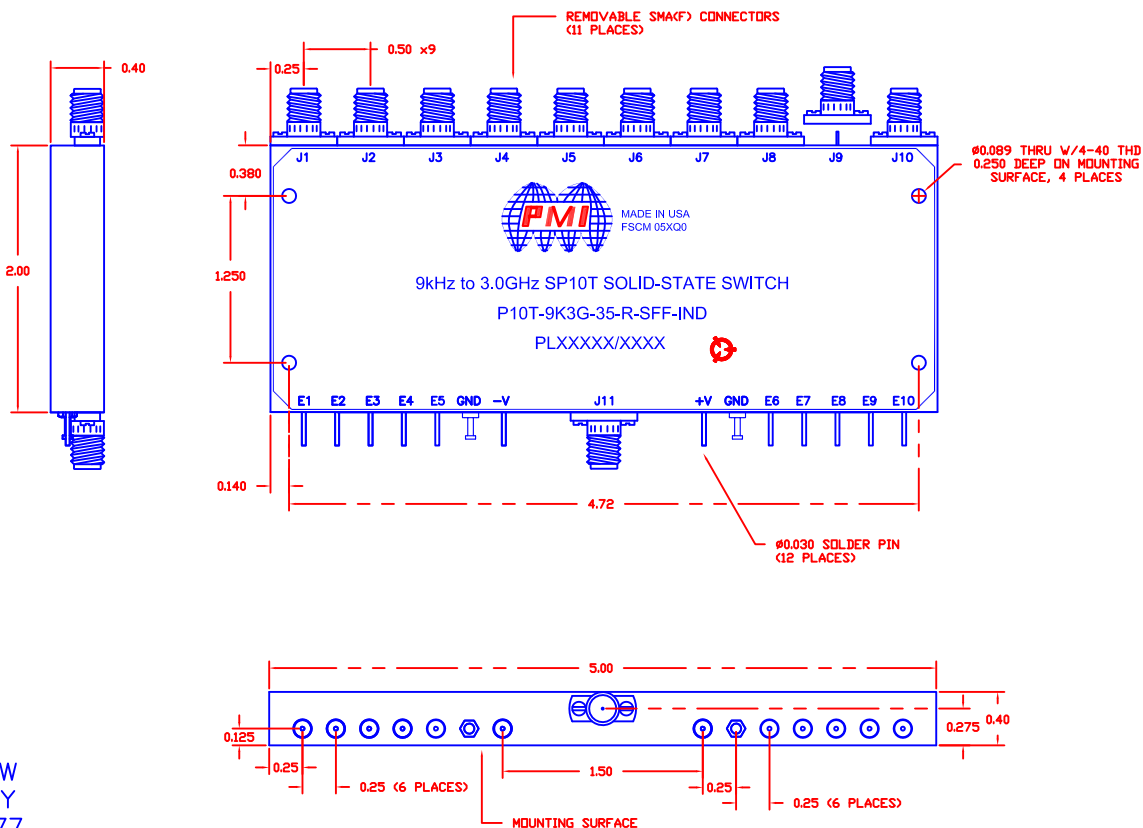


DESCRIPTION

PMI MODEL P10T-9K3G-35-R-SFF-IND IS A SINGLE POLE TEN THROW REFLECTIVE SWITCH THAT COVERS 9kHz TO 3.0GHz WITH 5.5dB INSERTION LOSS, OVER 35dB OF ISOLATION AND A VSWR OF 2.0:1 WITH AN IMPEDANCE OF 50 OHMS. THIS UNIT IS SUPPLIED WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE:.....9kHz TO 3.0 GHz
- INSERTION LOSS:.....5.5 dB TYPICAL
- VSWR:.....2:0:1 MAXIMUM
- IMPEDANCE:.....50 Ω
- SWITCHING SPEED:.....50% TTL TO 10%/90% RF
1 us GOAL
- INPUT POWER:.....+20 dBm CW (OPERATING)
- CONTROL:.....INDIVIDUAL CONTROL – 10 LINES
TTL LOGIC "0" = LOW LOSS
ALL PINS PULLED HIGH
- POWER SUPPLY:.....+5 V @ 50mA TYPICAL
-5 V @ 125mA TYPICAL
- RF CONNECTORS:.....SMA FEMALE (FIELD REMOVABLE)
- SIZE:.....(L) 5.0" X (W) 2.0" X (H) 0.4"
- FINISH:.....BLUE EPOXY POLIMIDE COATING IAW
MIL-C-22750, TYPE I OVER EPOXY
POLIMIDE PRIMER IAW MIL-P-23377,
TYPE I, CLASS 1 OR 3.



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- **TEMPERATURE:**.....-30°C TO +85°C (OPERATING)
-55°C TO +100°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

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

REVISIONS			DATE	APPROVED
ZONE	REV.	DESCRIPTION		
	-	PRELIMINARY	9/24/15	

PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>K. MASON</i>		9/24/15	PRODUCT FEATURE P10T-9K3G-35-R-SFF-IND			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
ISSUED			SCALE N:S		SHEET 1 OF 1	