

DESCRIPTION

PMI MODEL: P4T-34G36G-60-T-5-292FF, IS A SINGLE POLE FOUR THROW ABSORPTIVE SWITCH. THIS MODEL HAS THE FOLLOWING SPECIFICATIONS.

SPECIFICATIONS

- FREQUENCY RANGE:..... 34.0 TO 36.0 GHz
- INSERTION LOSS:..... 6 dB MAX
- ISOLATION:..... 60 dB MIN
- VSWR:..... 2.0:1 MAX
- POWER HANDLING:..... >200 mW CW MAX (+23dBm CW)
- SWITCHING SPEED:..... 10% TO 90% ; <100nsec
- DC VOLTAGE AND CURRENT:.... +5VDC @ 200 mA TYP
- CONTROL SIGNAL:..... 2-BIT DECODED TTL LOGIC
- CONNECTORS:..... 2.92mm (F)
- CONTROL/POWER:..... SOLDER PINS
- SIZE:..... (L) 1.25" X (W) 1.25" X (H) 0.50"
- FINISH:..... PAINTED BLUE

LOGIC TABLE

2 BIT DECODER

E1	E2	FUNCTION
0	0	J1-J2 "Low Loss"
0	1	J1-J3 "Low Loss"
1	0	J1-J4 "Low Loss"
1	1	J1-J5 "Low Loss"

ENVIRONMENTAL RATINGS

- **TEMPERATURE:**..... -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- **HUMIDITY:**..... MIL-STD-202G, METHOD 103B COND. B
- **SHOCK:**..... MIL-STD-202G, METHOD 213B COND. B
- **VIBRATION:**..... MIL-STD-202G, METHOD 204D COND. B
- **ALTITUDE:**..... MIL-STD-202G, METHOD 105C COND. B
- **TEMPERATURE CYCLE:**..... MIL-STD-202G, METHOD 107G COND. A

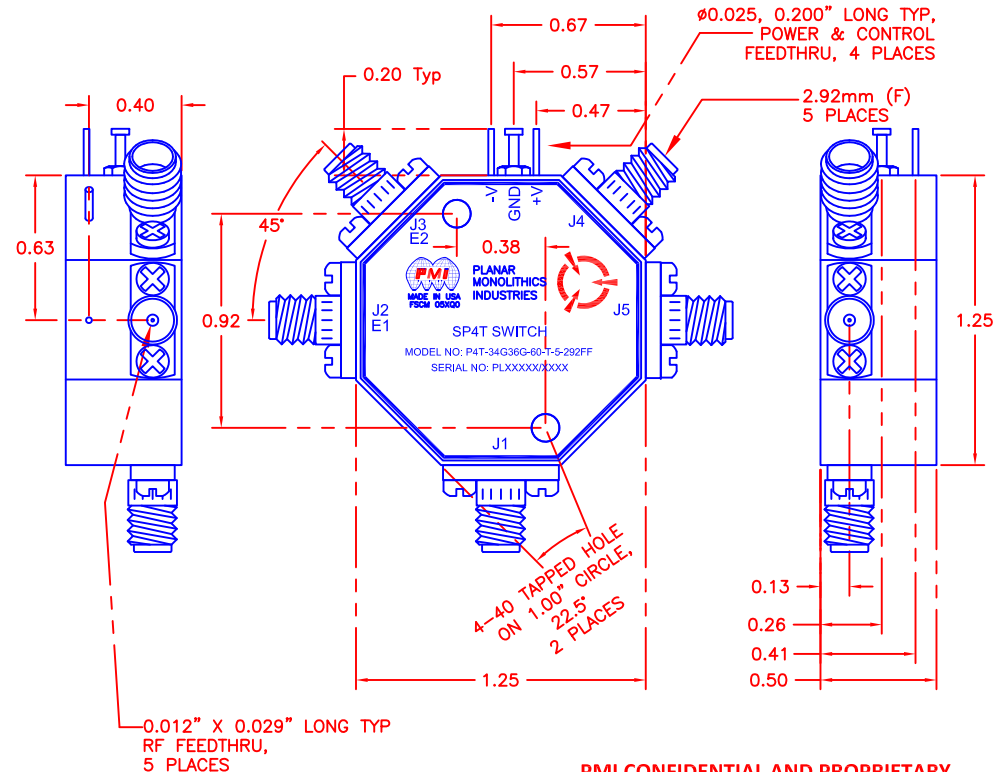
ALL DIMENSIONS ARE IN INCHES

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	4/12/18	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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 PDW		09/18/14	PRODUCT FEATURE P4T-34G36G-60-T-5-292FF			
REDRAWN BW		4/12/18	SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	PRELIMINARY	-
SCALE N:S			SHEET 1 OF 1			