

PMI MODEL: P4T-10G40G-60-T-292FF IS A SINGLE POLE
FOUR THROW ABSORPTIVE SWITCH. THIS MODEL HAS THE
FOLLOWING SPECIFICATIONS.

- FREQUENCY RANGE:..... 10 TO 40 GHz
- INSERTION LOSS:..... 6dB MAX
- INSERTION LOSS FLATNESS:..... ±1.5dB OVER FULL BAND.
- ISOLATION:..... 60dB MIN
- VSWR: 2.0:1 MAX
- POWER HANDLING:..... >200mW CW (+23dBm CW)
- SWITCHING SPEED:..... 10% TO 90% ; <100nsec
- CONTROL: TTL CONTROL – SEE LOGIC TABLE
- POWER SUPPLY:..... +5VDC @ 100 mA MAX
 -5VDC @ 100 mA MAX
- CONNECTORS:..... 2.92mm (F)
- CONTROL/POWER:..... SOLDER PINS
- SIZE: (L) 1.25” X (W) 1.25” X (H) 0.50”
- FINISH: GOLD PLATED

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"

• 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

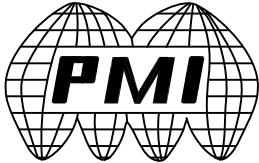
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	03/11/13	
	A1	ECN # 13-0044	05/14/13	

[illegible]

PMI CONFIDENTIAL AND PROPRIETARY

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		TITLE PRODUCT FEATURE P4T-10G40G-60-T-292FF			
APPROVALS	DATE				
DRAWN <i>ANG</i>	03/11/13				
CHECKED		SIZE A	FSCM NO. 05XQ0	DWG NO. 27018741	REV. A1
ISSUED		SCALE N:S			SHEET 1 OF 1