

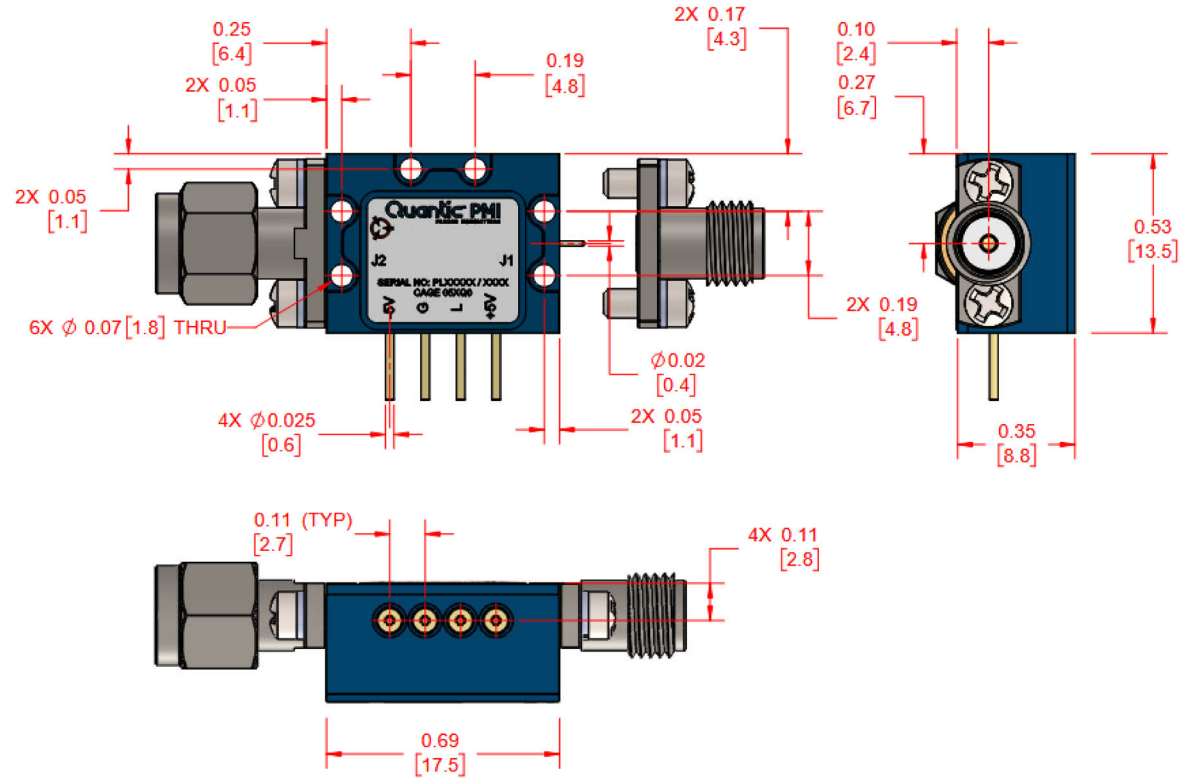
DESCRIPTION:

PMI MODEL NUMBER P1T-2G18G-60-T-30-SMF IS A SINGLE POLE, SINGLE THROW ABSORPTIVE SWITCH DESIGNED TO OPERATE OVER THE 2 GHz TO 18 GHz FREQUENCY RANGE. THIS MODEL IS DESIGNED TO MAINTAIN LOW INSERTION LOSS, HIGH ISOLATION, AND FAST SWITCHING SPEED.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	07/02/25	

SPECIFICATIONS:

- FREQUENCY: 2 GHz TO 18 GHz
- REFLECTIVE/ABSORPTIVE: ABSORPTIVE
- INSERTION LOSS: 2.8 dB MAXIMUM
- ISOLATION: 60 dB MINIMUM
- VSWR: 2.0:1 MAXIMUM
- SPEED: 30 ns MAXIMUM
- CONTROL: SINGLE BIT TTL



LOGIC CONTROL	
L	J1-J2
1	On
0	Off

- POWER SUPPLY: +5V @ 85 mA MAXIMUM
..... -5V @ 80 mA MAXIMUM
- RF CONNECTORS: SMA MALE / FEMALE
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55°C TO +85°C (OPERATING)
..... -60°C TO +125°C (STORAGE)
- HUMIDITY MIL-STD-202, METHOD 103B COND. B
- SHOCK MIL-STD-202, METHOD 213B COND. B
- VIBRATION MIL-STD-202, METHOD 204D COND. B
- ALTITUDE MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE MIL-STD-202, 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
WEIGHT: 2.75 oz.

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
			PRODUCT FEATURE		
DRAWN	AG	07/02/25	P1T-2G18G-60-T-30-SMF		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1