

DESCRIPTION

THE MODEL P1T-200M18G-80-T-SFF-F192A-OPT56 IS A HIGH SPEED, SINGLE POLE, SINGLE THROW, ABSORPTIVE SWITCH CAPABLE OF SWITCHING WITHIN 30ns. THE FREQUENCY RANGE IS 5.3 TO 5.9 GHz AND THIS SWITCH HAS OVER 80dB OF ISOLATION.

SPECIFICATIONS

- FREQUENCY RANGE: 5.3 TO 5.9 GHz
- INSERTION LOSS: 1.5 dB MAXIMUM
- ISOLATION: 80dB MINIMUM
- VSWR: 2.0:1 MAXIMUM
- SWITCHING SPEED: 10 ns (RISE / FALL)
15 ns (DELAY ON)
30 ns (DELAY OFF)
- INPUT P1dB: +30 dBm (1W)
- OPERATING POWER: +27dBm "HOT SWITCHING" MAXIMUM
- CONTROL: TTL LOGIC "0" = ON
TTL LOGIC "1" = OFF
- POWER SUPPLY: +5V @ 50 mA MAXIMUM
-12V @ 75 mA MAXIMUM
- CONNECTORS:
RF: SMA FEMALE
CONTROL: SOLDER PIN
- SIZE: (L) 1.0" X (W) 1.0" X (H) 0.5"
- FINISH: PAINTED BLUE

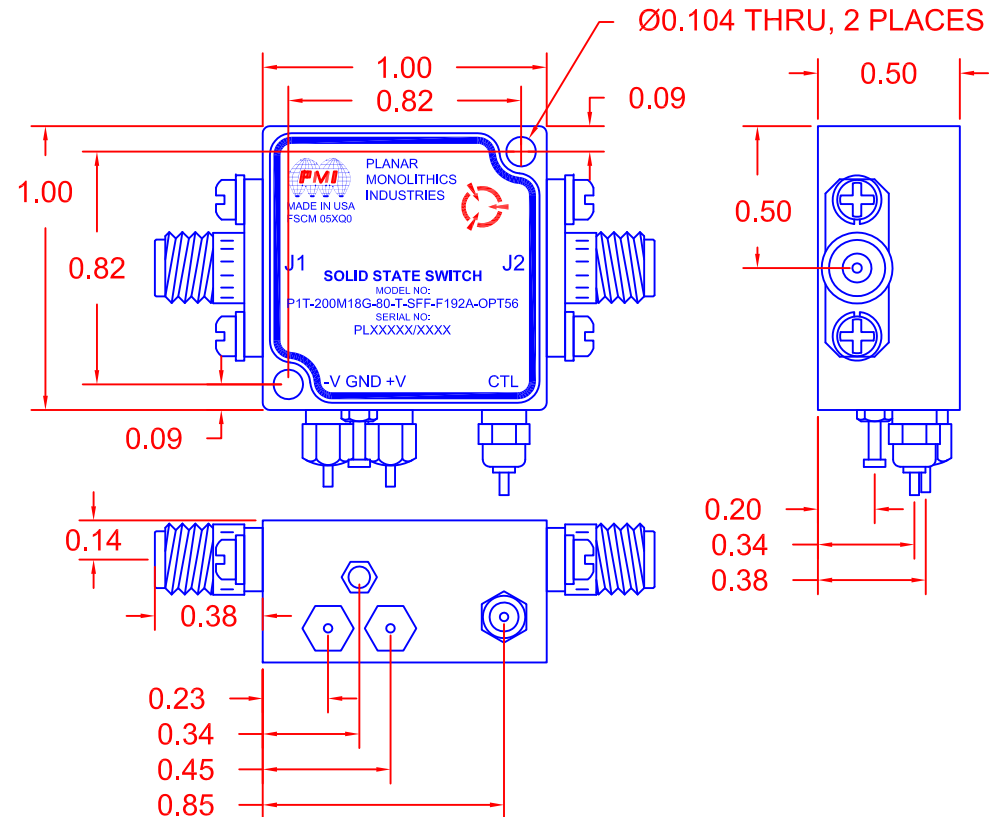
ENVIRONMENTAL RATINGS:

- TEMPERATURE: -65°C TO +110°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

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	1/7/22	
	1	UPDATE P1dB	1/7/22	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN <i>AF</i>		1/7/22	PRODUCT FEATURE			
CHECKED			P1T-200M18G-80-T-SFF-F192A-OPT56			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	1
			SCALE	N:S	SHEET	1 OF 1