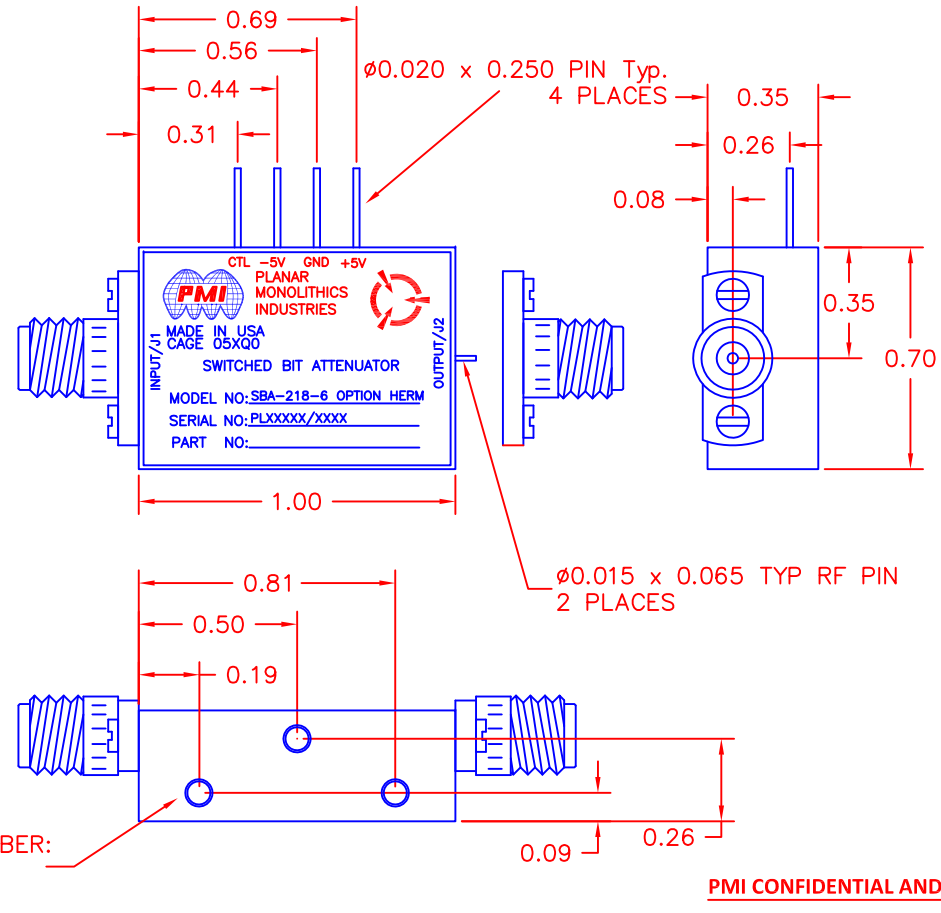


DESCRIPTION

PMI MODEL SBA-218-6 OPTION HERM IS A SWITCHED BIT ATTENUATOR OPERATING FROM 2 TO 18 GHz. DESIGNED TO BE SWITCHED BETWEEN A LOW LOSS STATE (2 dB LOSS TYPICAL) AND HIGH LOSS STATE (20 dB LOSS TYPICAL). THE SETTINGS ARE SELECTED BY A SINGLE CONTROL BIT.

SPECIFICATIONS

- FREQUENCY RANGE: _____ 2 TO 18 GHz
- ATTENUATION: _____ 20 dB \pm 2dB MAX
- INSERTION LOSS: _____ 3 dB MAX
- SWITCHING SPEED: _____ 100 ns MAX
- TTL CONTROL: _____ "1 = 2 dB INSERTION LOSS"
"0 = 20 dB INSERTION LOSS"
- INPUT POWER: _____ +20 dBm CW MAX
- VSWR: _____ 2.0:1 MAX
- DC VOLTAGE: _____ +5 VDC @ 50 mA
-5 VDC @ 50 mA
- CONNECTORS: _____ SMA (F) REMOVABLE
- SIZE: _____ 1.00" X 0.70" X 0.35"
- SEALING: _____ HERMETIC
- FINISH: _____ GOLD PLATED



ENVIRONMENTAL RATINGS:

- TEMPERATURE: _____ -20 °C TO +70 °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 \pm 0.020
X.XXX \pm 0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	09/25/15	
	A1	ECN # 15-0075	07/08/15	
	A2	ECN # 22-0146	11/15/22	

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APPROVALS		DATE	TITLE		
DRAWN <i>VR</i>		09/25/15	PRODUCT FEATURE SBA-218-6 OPTION HERM		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	27013491
			SCALE	N:S	SHEET 1 OF 1