

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

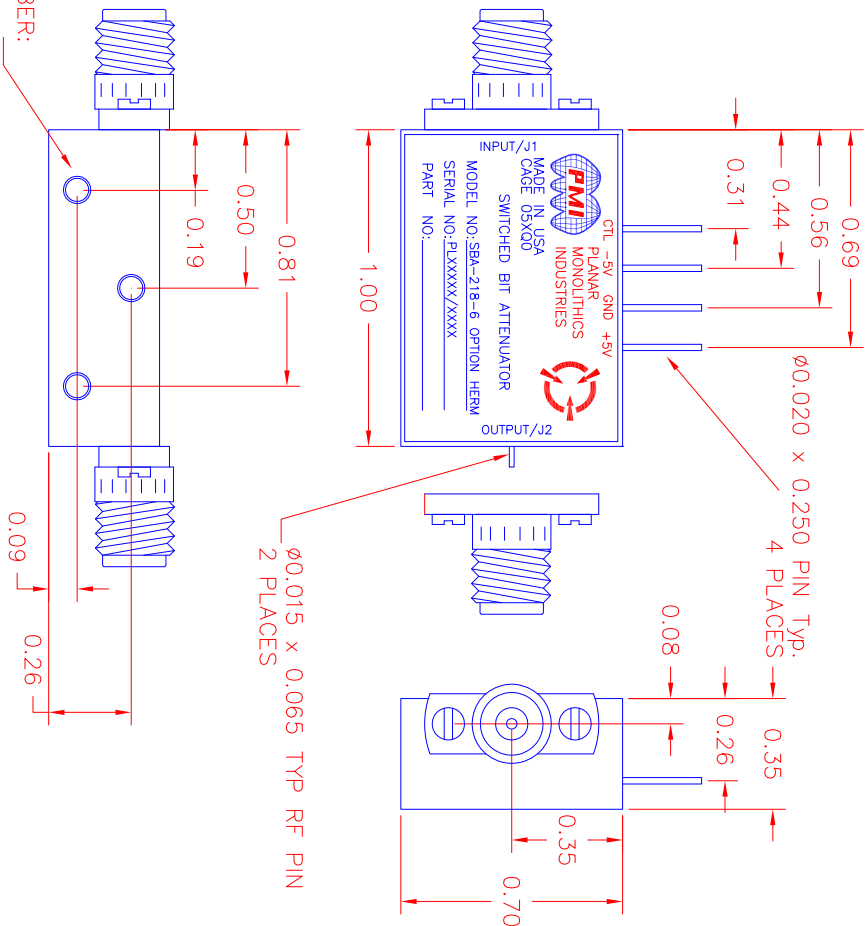
- FREQUENCY RANGE: 2 TO 18 GHZ
- ATTENUATION: 20 DB ±2.75dB NOMINAL
- INSERTION LOSS: 3 DB MAX
- SWITCHING SPEED: 100 ns MAX
- TTL CONTROL: "1" = 2 DB INSERTION LOSS
"0" = 20 DB INSERTION LOSS
- INPUT POWER: +20 dBm CW MAX
- VSWR: 2.0:1 MAX
- DC VOLTAGE: +5 VDC @ 300 mA
-5 VDC @ 300 mA
- CONNECTORS: 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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	1	ORIGINAL RELEASE	03/23/15
	A1	ECN # 15-0075	07/08/15



2-56 HELICOIL
X 0.110 DP TYPICAL,
(MIL SPEC PART NUMBER:
MS21209C0215)
(3) PLACES

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED

APPROVALS		DATE		TITLE	
DRAWN		03/23/15		PRODUCT FEATURE	
CHECKED				SBA-218-6 OPTION HERM	
ISSUED					
SIZE		FSCM NO.		DWG NO.	
A		05X00		27013491	
SCALE		N:S		SHEET	
				1 OF 1	