

DESCRIPTION

PMI MODEL SAA-500M18G-20DB-SFF IS A SWITCHED BIT ATTENUATOR OPERATING FROM 0.5 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.

REVISIONS

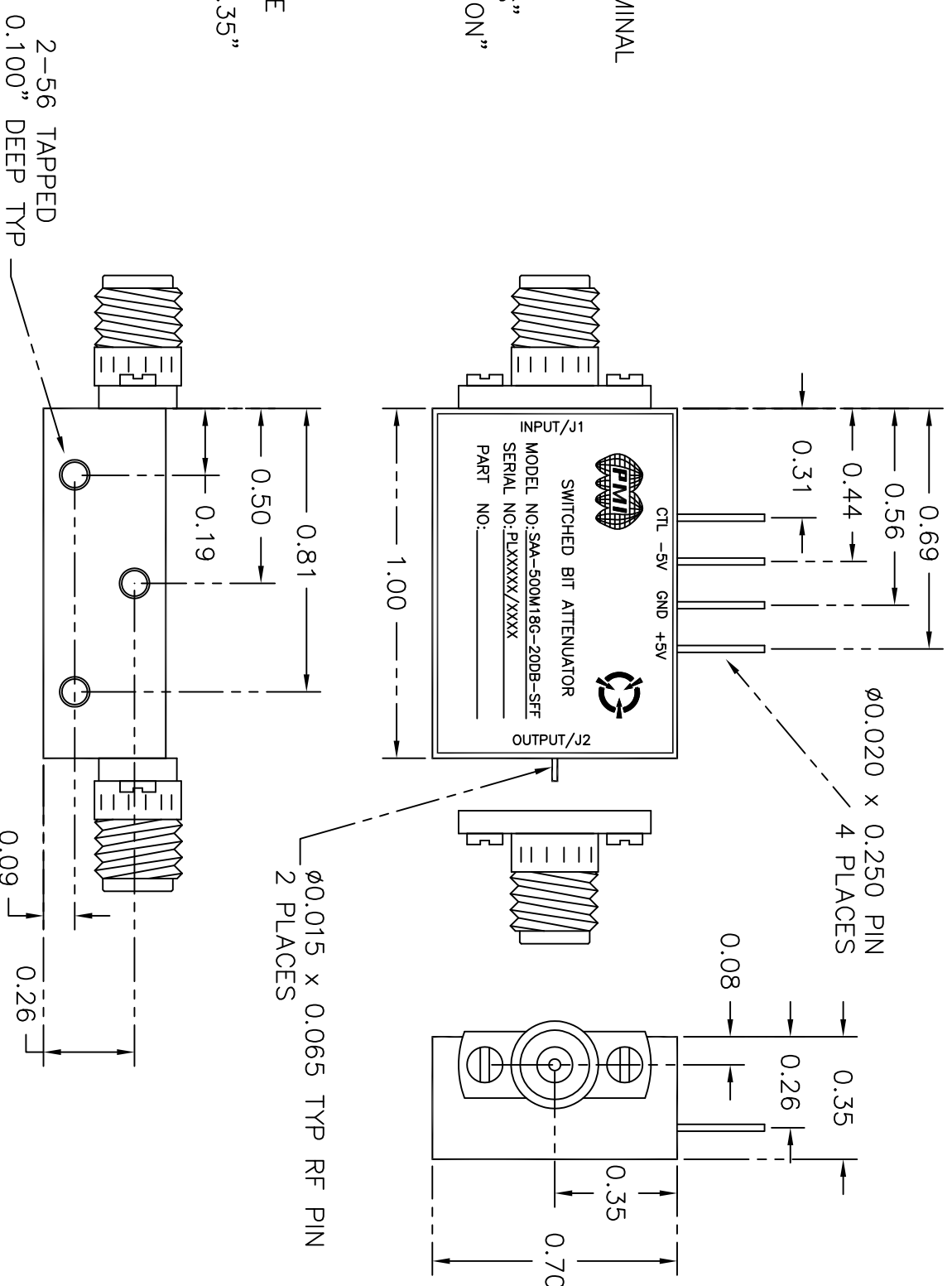
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	10/22/12	

SPECIFICATIONS

- FREQUENCY RANGE:..... 0.5 TO 18 GHz
- ATTENUATION:..... 20dB ±2.75dB NOMINAL
- INSERTION LOSS:..... 3dB MAX
- SWITCHING SPEED:..... 100ns MAX
- TTL CONTROL:..... "1=INSERTION LOSS"
"0=20dB ATTENUATION"
- INPUT POWER:..... +20dBm CW MAX
- VSWR:..... 2.0:1 MAX
- DC VOLTAGE:..... +5VDC @ 300 mA
-5VDC @ 300 mA
- CONNECTORS:..... SMA (F) REMOVABLE
- SIZE:..... 1.00" X 0.70" X 0.35"
- FINISH:..... GRAY PAINT

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



CONFIDENTIAL AND PROPRIETARY

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TITLE
 MECHANICAL OUTLINE

SAA-500M18G-20DB-SFF
 0.5 - 18 GHz SWITCHED BIT ATTENUATOR

APPROVALS	DATE	SIZE	FSM NO.	DWG NO.	REV.
DRAWN 3ggg	10/22/12	A	05X00	27017801	A
REVISIONS					
ISSUED					

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ±0.020
 X.XXX ±0.005

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
 NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION