

DESCRIPTION

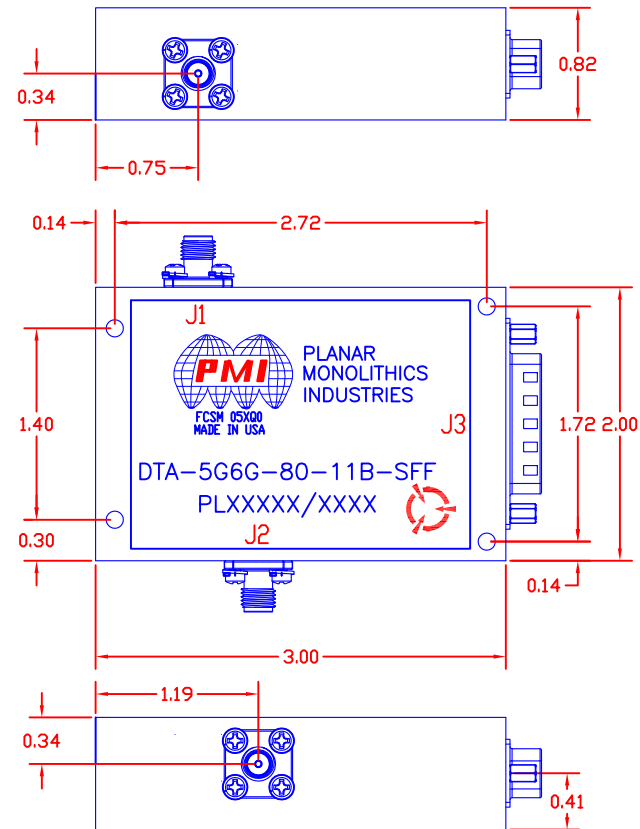
PMI MODEL DTA-5G6G-80-11B-SFF IS A 11-BIT DIGITAL CONTROLLED ATTENUATOR THAT OPERATES OVER 5.0 TO 6.0GHz AND OFFERS OVER 80dB OF ATTENUATION. THE INSERTION LOSS IS 2.5dB MAXIMUM AND OPERATES FROM +/-12 TO +/-15VDC SUPPLIES.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	02/03/15	KM

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: _____ 5.0 TO 6.0GHz
- MAX. INSERTION LOSS: _____ 2.5dB
- VSWR: _____ 2.2:1 MAX.
- FLATNESS AT MEAN ATTENUATION UP TO: 10dB; +/-0.5dB
20dB; +/-1.4dB
40dB; +/-3.0dB
60dB; +/-3.5dB
80dB; +/-3.6dB
- INPUT POWER _____ 100mW MAX.
- CONTROL: _____ 11-BIT TTL
- SPEED: _____ 2us MAX.
- MONOTONICITY: _____ GUARANTEED
- CONNECTORS: _____ SMA FEMALE
- DC VOLTAGE: _____ +12 to +15VDC, 120mA
-12 to -15VDC, 50mA
- SIZE: _____ 0.82 x 2.0 x 3.0 INCHES



PIN NO.	J3 PIN FUNCTIONS
1	0.08dB
2	0.16dB
3	NOT CONNECTED
4	GND
5	0.31dB
6	0.63dB
7	1.25dB
8	2.5dB
9	5dB
10	10dB
11	20dB
12	40dB
13	+12 TO +15V
14	-12 TO -15V
15	0.04dB

PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE: _____ -55°C TO + 71°C (OPERATING)
-55°C TO +100°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

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

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

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APPROVALS		DATE	TITLE		
DRAWN	<i>M.Berry</i>	02/03/15	5.0-6.0GHz 11-BIT ATTENUATOR DTA-5G6G-80-11B-SFF		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1