

DESCRIPTION

THE PMI MODEL DLVA-2G6G-AC-1 IS A DLVA WHICH OPERATES FROM 2 TO 6 GHZ AND HAS A TYPICAL DYNAMIC RANGE OF 40 DB MINIMUM. IT IS AC COUPLED.

SPECIFICATIONS

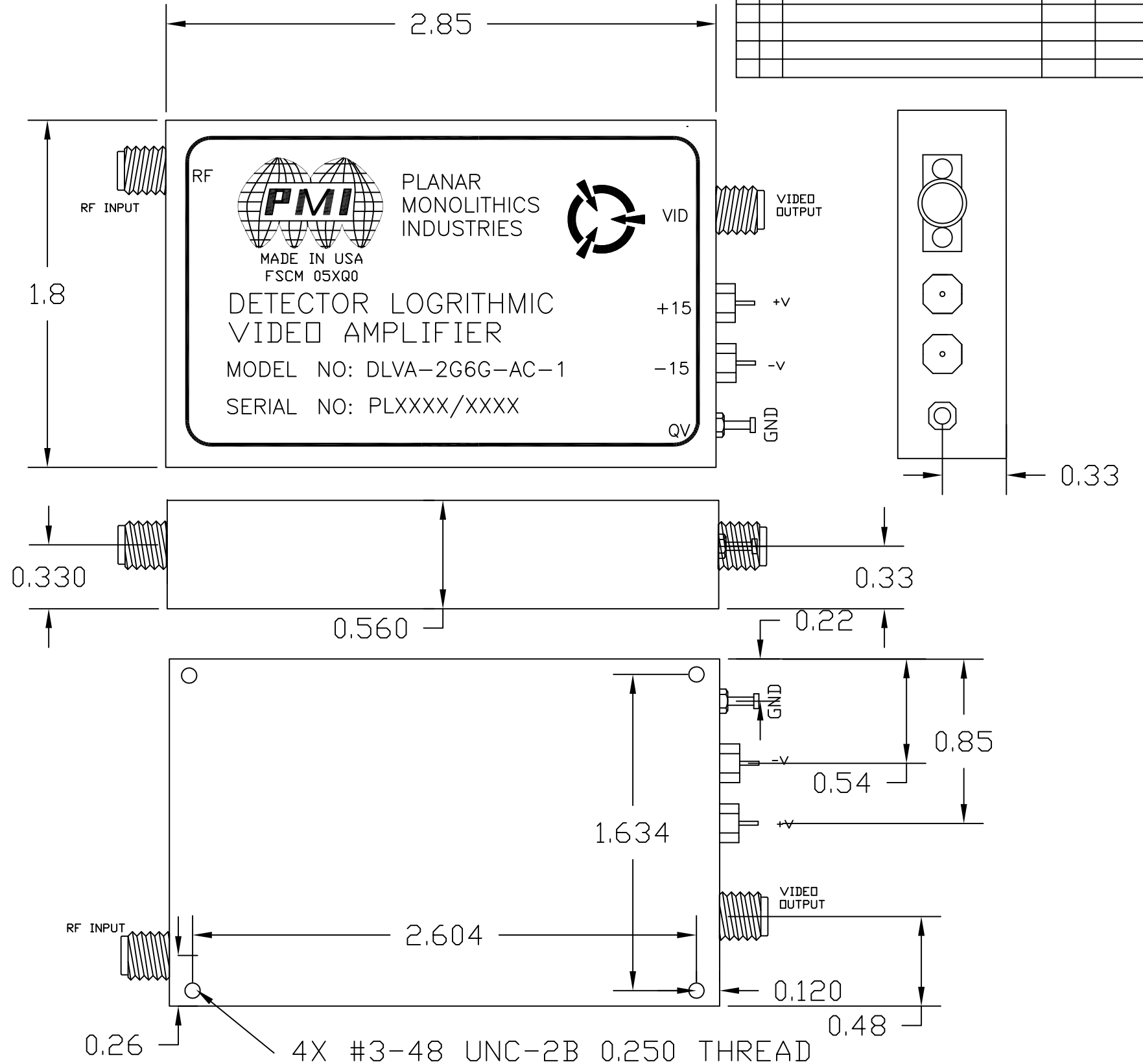
- FREQUENCY RANGE: 2 TO 6 GHZ (MIN)
- DYNAMIC RANGE: -40 TO 0 DBM TYPICAL
- RISE TIME (10%-90%): 30 NSEC (TYP.)
- VSWR INPUT: 2.5:1 TYPICAL
- OPERATING INPUT POWER: +15 dBm (MAX)
- LOG SLOPE: 75 mV /dB NOMINAL
- RECOVERY TIME: 1 MICROSECOND (MAX)
- AMPLITUDE FLATNESS: +/- 1.5 DB TYPICAL
- POWER SUPPLY
 - +V: +15V @ 100mA MAXIMUM
 - V: -15V @ 100mA MAXIMUM
- SIZE: 2.85" x 1.80" x 0.56"
- WEIGHT: ≤3.0 OZ.
- COUPLING: AC
- TSS: -43 dBm Typical
- VIDEO LOAD: 90 OHM
- VIDEO OUTPUT: 0.4 TO 3.5 VOLTS TYPICAL
- MIN. PULSE WIDTH: 0.1 MICROSECOND
- MAX. PULSE WIDTH: 12.75 MICROSECONDS
- PULSE DENSITY: 250 KBPS MIN.

ENVIRONMENTAL RATINGS

- TEMPERATURE: 0°C TO +60°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	APPROVED
	A	ORIGINAL RELEASE	01/14/11	



ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010 X 0.25 DEEP

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		PART NO.		PLANAR MONOLITHICS INDUSTRIES	
FRACTIONS	DECIMALS	APPROVALS	DATE	5715 INDUSTRY LANE UNIT 11 FREDERICK, MARYLAND	
±	.XX ± 0.010 .XXX ± 0.005	B.S.B.	01/14/11	TITLE OUTLINE DRAWING DLVA-2G6G-AC-1	
MATERIAL: ALUMINUM ALLOY 6061-T6		CHECKED		SIZE B	FSCM NO.
FINISH: 50 u in MIN GOLD PLATE OVER COPPER FLASH- NICKEL FLASH- MIL G 45204 TYPE 2		ISSUED		DWG NO. 27013853	REV. A
APPLICATION		DO NOT SCALE DRAWING		SCALE N/S	SHEET 1 of 1