

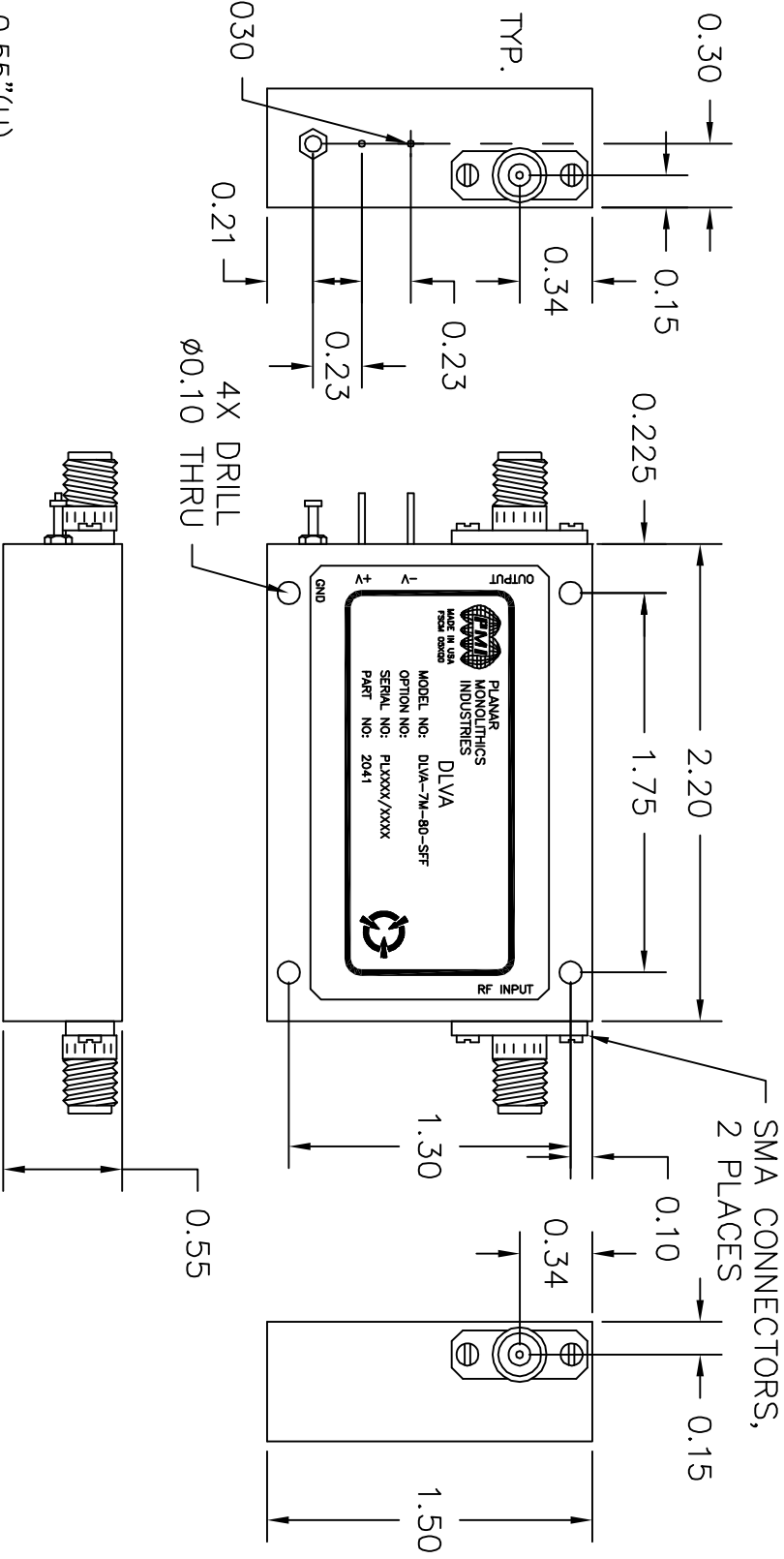
REVISIONS			DATE	APPROVED
ZONE	REV.	DESCRIPTION	DATE	APPROVED
A		ORIGINAL RELEASE	6/1/09	

DESCRIPTION

PMI MODEL NO.: DLVA-7M-80-SFF IS A LOW FREQUENCY DETECTOR LOG VIDEO AMPLIFIER CENTERED AT 7 MHZ. THE BANDWIDTH IS 3 MHZ MINIMUM WITH A TYPICAL LOGGING RANGE FROM -80 dBm TO 0 dBm. OUTPUT SENSITIVITY IS TYPICALLY 25 mv / dB.

SPECIFICATIONS

- CENTER FREQUENCY: 7 MHZ
- BANDWIDTH: 3 MHZ MIN.
- RISE TIME: 0.5 US MAX
- DYNAMIC RANGE: 70 DB MIN., 80 DB TYP.
- LOGGING RANGE: -80 TO 0 dBm
- LOG LINEARITY: ±1.0 DB MAX
- SENSITIVITY: 25 mv / dB TYP.
- SOURCE IMPEDANCE: 50 OHMS
- VIDEO LOAD IMPEDANCE: 93 OHMS
- DC POWER +15V (NO LOAD) TBD mA (MAX)
- DC POWER -15V (NO LOAD) TBD mA (MAX)
- SIZE: 2.2"(L) X 1.5"(W) X 0.55"(H)
- FINISH: 50 uin. GOLD PLATING MIN. OVER COPPER FLASH OVER NICKEL FLASH PER MIL-G 45204 TYPE 2



ENVIRONMENTAL RATINGS

- TEMPERATURE: -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- 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

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APPROVALS		DATE		TITLE	
DRAWN	APPROVED	6/1/09		PRODUCT FEATURE	
CHECKED				DLVA-7M-80-SFF	
ISSUED				DETECTOR LOG VIDEO AMPLIFIER	
SIZE	FSCM NO.	DWG NO.	SCALE	SHEET	REV.
A	05X00	27010821	N:S	1 OF 2	A

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