

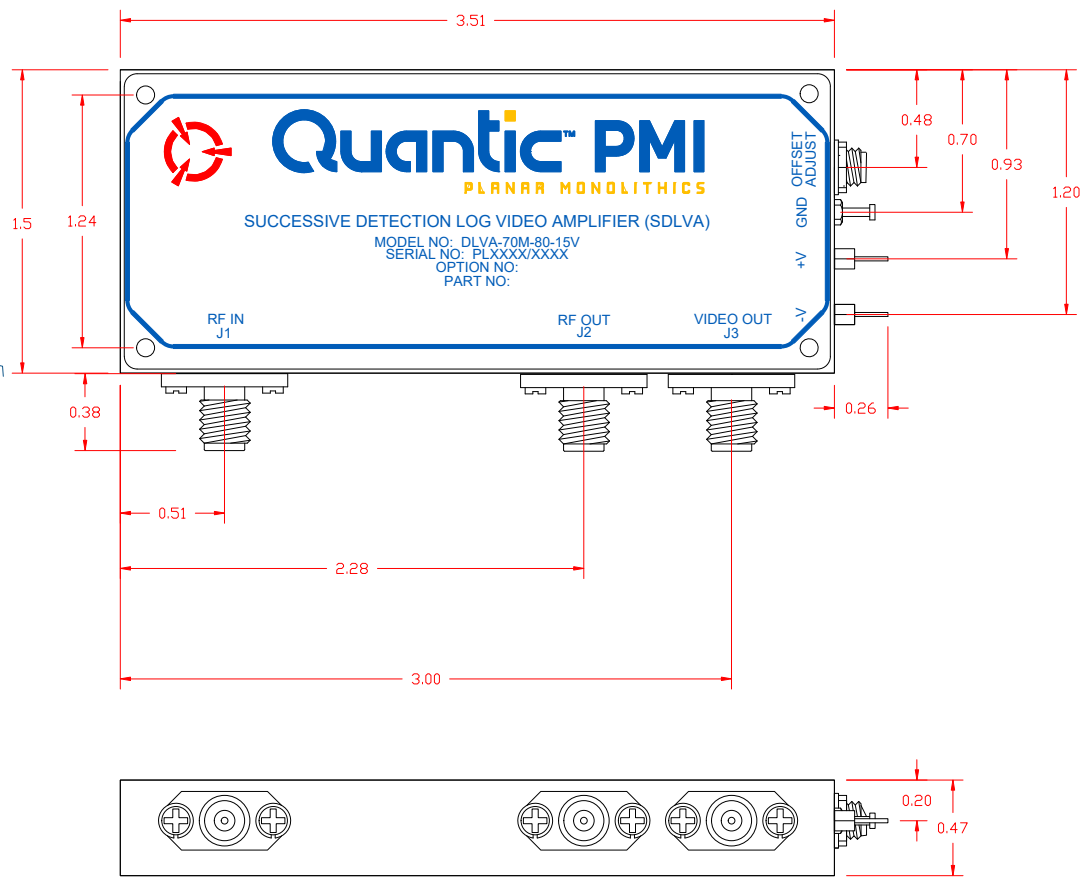
# DESCRIPTION

THE PMI MODEL DLVA-70M-80-15V IS AN SDLVA WHICH OPERATES FROM 50 TO 90 MHZ AND HAS A TYPICAL DYNAMIC RANGE OF 80 DB.

# SPECIFICATIONS

- FREQUENCY RANGE: 50 TO 90 MHZ MIN, 50 TO 120 MHZ TYP
- DYNAMIC RANGE: -80 TO 0 DBM TYPICAL
- RISE TIME: 30 NSEC MAX
- VSWR INPUT: 1.5:1 TYP
- OPERATING INPUT POWER: +13 dBm MAX
- LIMITED OUTPUT: 0 dBm NOMINAL
- OUTPUT VSWR: 2.0:1 TYPICAL
- LINEARITY ERROR: +/- 1.5 dB MAX -80 to 0dBm
- POWER SUPPLY:
  - +V: +15V @ 175mA MAX
  - V: -15V @ 100mA MAX
- SIZE: 3.51" x 1.50" x 0.47"
- WEIGHT: ≤3.0 OZ.
- FINISH: PAINTED BLUE

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	01/19/23	



PMI CONFIDENTIAL AND PROPRIETARY

# ENVIRONMENTAL RATINGS

- TEMPERATURE: 0°C TO +71°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

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

7309-A GROVE ROAD  
FREDERICK, MARYLAND 21704 USA  
TEL: (301)-662-5019, FAX: (301)-662-1731  
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com  
ISO 9001 CERTIFIED

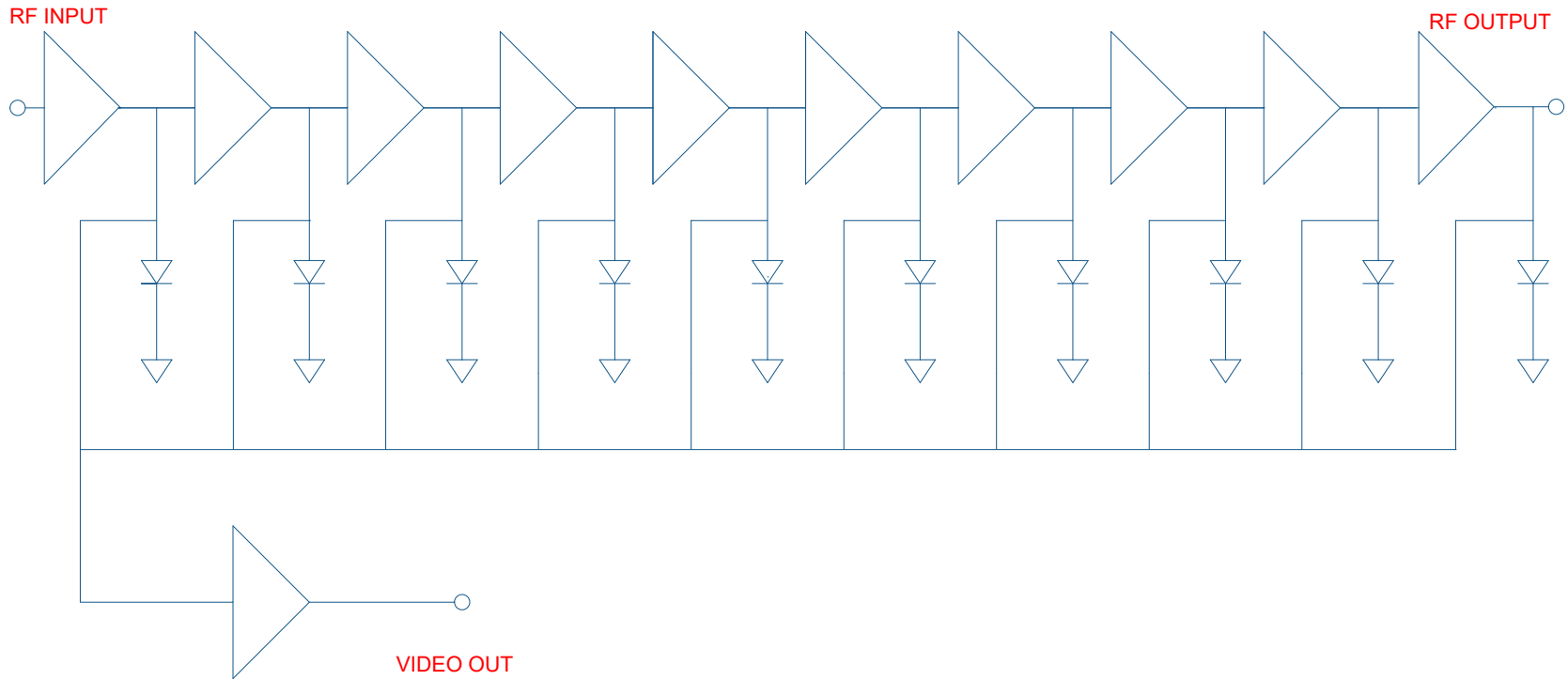


APPROVALS		DATE	TITLE		
DRAWN <i>MDL</i>		01/19/23	PRODUCT FEATURE DLVA-70M-80-15V		
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. 27045280
ISSUED			SCALE N:S	SHEET	REV. A1
				1 OF 2	

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## FUNCTIONAL BLOCK DIAGRAM



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**Quantic PMI**  
PARALLEL MONOLITHICS

APPROVALS		DATE	TITLE			
DRAWN		<i>MDL</i>	PRODUCT FEATURE DLVA-70M-80-15V			
REISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27045280	A1
ISSUED			SCALE N:S		SHEET	2 OF 2