

**SPECIFICATIONS:**

- FREQUENCY RANGE: . . . . . 0.5 – 2 GHz
- LOGGING RANGE: . . . . . –40 TO +20 dBm
- TSS: . . . . . –43 dBm MAX.
- LOG SLOPE: . . . . . +30 mV/dB ±10%  
100 Ohm Load
  
- LOG ACCURACY: . . . . . ±1 dB Max.
- FREQUENCY FLATNESS: . . . . . ±0.75 dB MAX.
  
- OUTPUT VOLTAGE: . . . . . 700 mV @ –40 dBm  
2.5 V @ +20 dBm
- INPUT VSWR: . . . . . 2.0:1 MAX.
- MAX SOURCE VSWR: . . . . . 2.5:1 Max.
- VIDEO RISE TIME: . . . . . 40 nSec MAX.
- SETTLING TIME: . . . . . 50 nSec,  
+20 dBm to –40 dBm
  
- VIDEO BANDWIDTH: . . . . . DC TO 8 MHz
- MAX INPUT POWER: . . . . . +27 dBm
- DC POWER (NO LOAD): . . . . . +15 V @ 300 mA MAX.  
–15 V @ 200 mA MAX.
  
- STABILITY: . . . . . Unconditional up to 15 ft.  
of RG 180 B/u

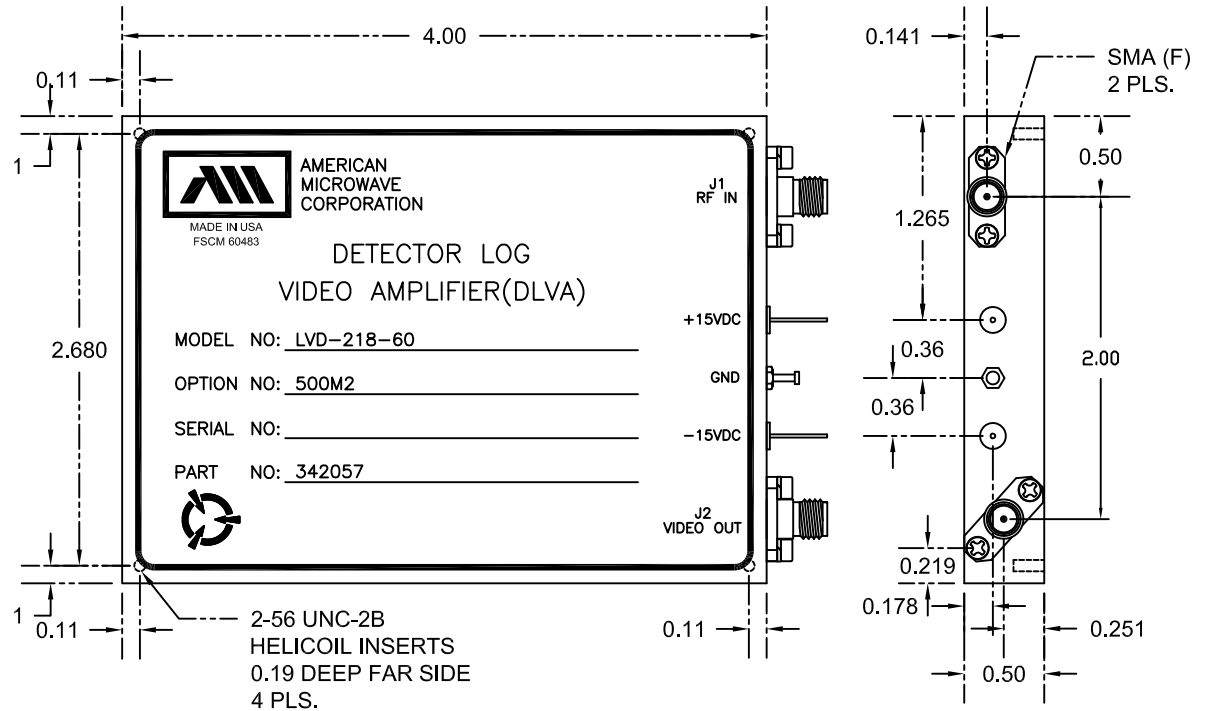
**ENVIRONMENTAL RATINGS**

- **TEMPERATURE** . . . . . 0°C TO +70°C (OPERATING)  
–65°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

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE  
 NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION  
 \* Units are designed to meet Environmental ratings but not tested. If  
 Environmental Testing is required, please contact Sales Department.

ALL DIMENSIONS ARE IN INCHES (mm)  
 TOLERANCES:  
 X.XX ±0.01 (0.25)  
 X.XXX ±0.02 (0.50)

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	SEE ER# 008-20	1/29/2020	



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 ISO 9001:2015 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN RRA		1/29/20	PRODUCT FEATURE LVD-218-60 OPT. 500M2 (342057)			
ENG RRA		1/29/20	SIZE A	FSCM NO. 60483	DWG NO. 100-9089	REV. A
QAE			SCALE N:S		SHEET 1 of 1	