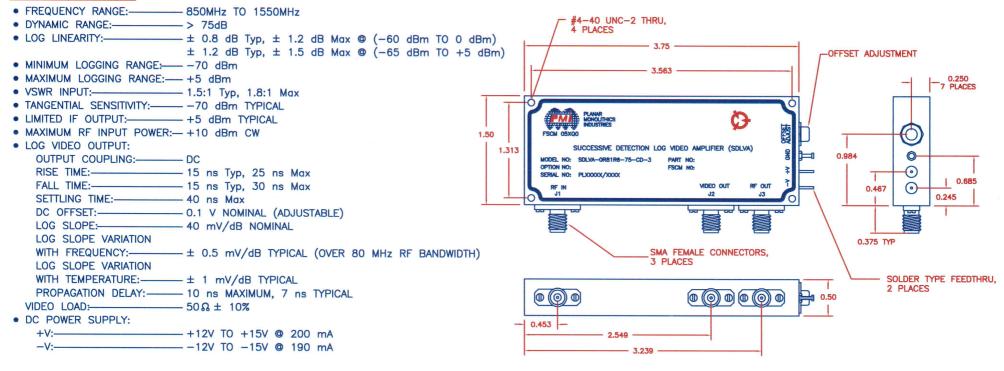
DESCRIPTION

THE MODEL SDLVA-OR81R6-75-CD-3 IS A SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER (SDLVA) THAT [OPERATES BETWEEN THE 850 TO 1550 MHz FREQUENCY RANGE. IT HAS A DYNAMIC RANGE OF 75 dB, A LOG SLOPE OF 40 mV / dB, AND A NOMINAL VIDEO BANDWIDTH OF 20 MHz. FURTHERMORE, IT HAS BEEN DESIGNED USING CUTTING EDGE GdAs TECHNOLOGY WHICH PROVIDES STUNNING PERFORMANCE AND RELIABILITY IN A COMPACT PACKAGE MAKING IT AN OPTIMUM SOLUTION FOR HIGH SPEED CHANNELIZED RECEIVER APPLICATIONS.

SPECIFICATIONS



ENVIRONMENTAL RATINGS

• FINISH: — GOLD PLATED

• TEMPERATURE: -55°C TO +85°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

• SIZE:——— (L) 3.75" X (W) 1.50" X (H) 0.50"

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
WEIGHT: 2.75 oz.

PLANAR MONOLITHICS INDUSTRIES, INC.

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS

APPROVED

DATE

10/25/13

DESCRIPTION

PRFLIMINARY

ZONE REV.

ISO 9001 CERTIFIED