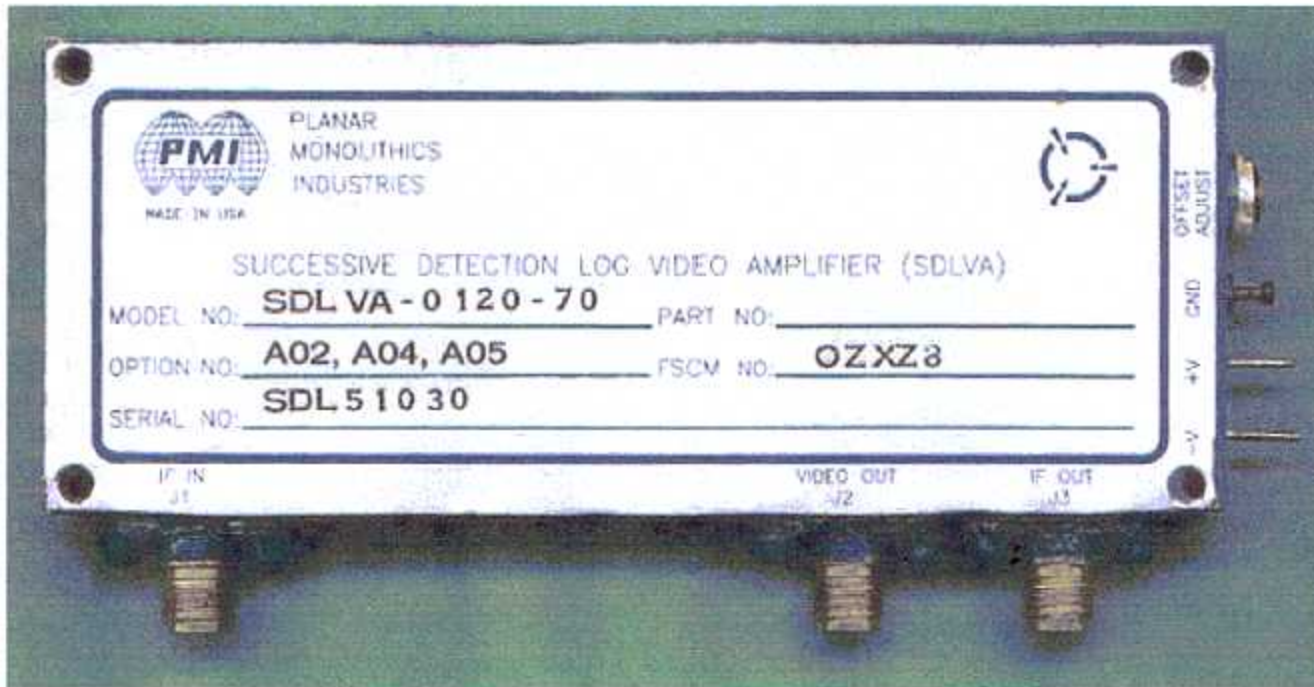


NEW PRODUCT ANNOUNCEMENT
PMI MODEL No:
SDLVA-0120-70-A02-A04-A05
AUGUST 22, 2003



1000 MHz, NARROW BAND SDLVA



PLANAR MONOLITHICS INDUSTRIES, INC. HAS DEVELOPED THE PMI MODEL NO: SDLVA-0120-70 WITH OPTIONS A02, A04 AND A05. WHICH IS A SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER (SDLVA) THAT OPERATES FROM AT 1000 MHz \pm 300MHz WITH A LOGGING RANGE OF -60 dBm TO +5 dBm. THE LIMITED IF OUTPUT IS -3dBm TYPICAL (WITH OPTION A02). THE SDLVA HAS AN ADJUSTABLE SLOPE OF 25mV/dB ADJUSTABLE TO 30mV/dB (WITH OPTION A04) AND THE DEVICE ALSO OFFERS AN ADJUSTABLE DC OFFSET OF 0.1V NOMINAL (WITH OPTION A05). THE INPUT VSWR IS 1.8:1 AND THE TSS IS -65 dBm TYPICAL. THE LIMITED IF OUTPUT IS -3dBm AND THE RISE AND FALL TIMES ARE <30 nSEC AND THE POWER SUPPLY IS +15 vdc @ 100mA MAX. AND -15 vdc @ 190 mA MAX. THE SIZE IS 3.75" X 1.50" X 0.50".

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