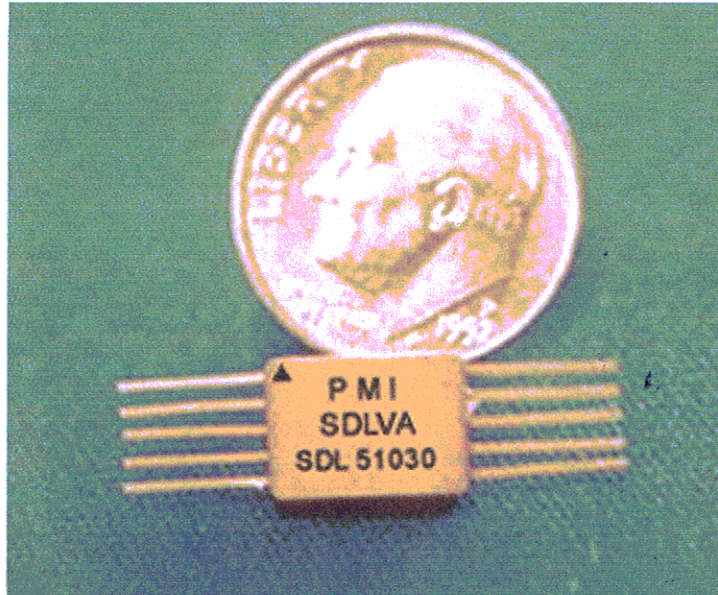


NEW PRODUCT ANNOUNCEMENT
PMI MODEL No:
SLVAC-06135M-A06-LA
AUGUST 21, 2003



0.6 TO 1.35 GHz, MINIATURE, DC-COUPLED,
SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER



PMI MODEL No: SLVAC-06135M-A08-LA MINIATURE SUCCESSIVE DETECTION LOG VIDEO AMPLIFIER (SDLVA) OPERATES OVER THE 600 MHz TO 1.35 GHz FREQUENCY RANGE. THESE UNITS HAVE A DYNAMIC RANGE OF 65 TO 70dB, a TSS of -67dBm AND A NOMINAL VIDEO BANDWIDTH OF 20 MHz. THESE SDLVAS OFFER VERY FAST 25ns RISE TIMES AND 30ns FALL TIMES. THE LOG SLOPE IS 25mV / dB AND THE LOG LINEARITY TYPICALLY IS LESS THAN ± 1.0 dB OVER THE -60 TO 0 dBm INPUT RANGE. THE DYNAMIC RANGE CAN BE EXTENDED TO -65 / +5 WITH A LOG ERROR OF ONLY ± 1.5 . THE SLVAC-06135M-A08-LA SDLVA CAN BE HERMETICALLY SEALED AND SCREENED TO MIL-STD-883. THE DC POWER SUPPLY IS +5 vdc @ 30mA MAX. AND -5 vdc @ 170mA MAX. THE SIZE IS 0.395" X 0.280 X 0.9".

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