



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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AVX-S1-NULA

INSTRUCTIONS

- 1) Insert the diode onto the socket (on the resistor side of the PCB).
- 2) Note that if the AV-1021-B is set to provide a positive output, the anode of the diode must be in PIN 1 while the cathode must be in PIN 2. Conversely if the pulser is set to provide a negative output the anode and cathode connections must be reversed.
- 3) The diode current may be deduced by connecting voltage scope probes to the 47 Ohm input and output as shown on the attached. The diode current is given by :

$$I_D = \frac{V_{IN} - V_{DIODE}}{47}$$

- 4) For additional assistance :

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