



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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MODEL AVX-S4-PSI BIAS TEE

INSTRUCTIONS

- 1) Solder connect the load.
- 2) Apply a trial negative DC current and check for expected results.
- 3) Reduce DC current to zero and apply a negative pulse and check for the desired result.
- 4) With the pulse still applied, increase the DC current from 0 to the desired value and check for the expected result.
- 5) CAUTION:
 - a) The bias tee or driver may be damaged if the DC bias is applied when the load is open-circuited or if the DC load voltage exceeds -50 Volts.
 - b) The bias tee may be damaged if positive signals are applied to the "DC" or "IN" ports. *(OR IF THE INPUT PULSE IS APPLIED TO THE "OUT" PORT)*
 - c) The bias tee may be damaged if a high duty cycle (>1%) or DC signal is applied to the "IN" port.
 - d) As per our original Quote this unit is not covered by our standard warranty.