

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
ENGINEERING - MANUFACTURING

□ P.O. BOX 265
OGDENSBURG
NEW YORK
13669
(315) 472-5270

BOX 5120 STN. "F"
OTTAWA, ONTARIO
CANADA K2C 3H4
(613) 226-5772
TELEX 053.4591

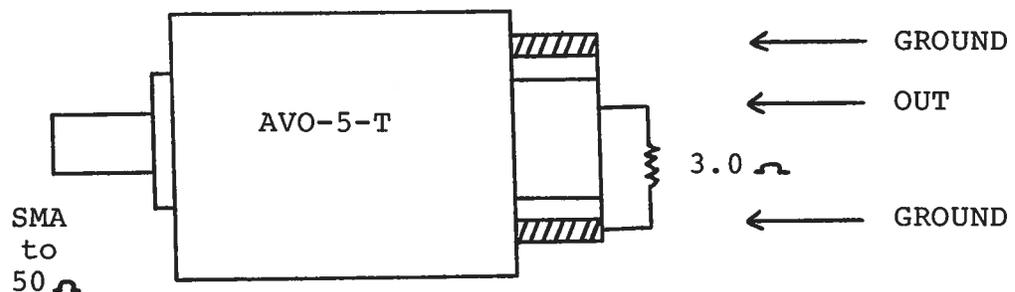
INSTRUCTIONS

MODEL AVO-5-T

The AVO-5-T transformer is designed to provide a match from 50 ohms to 3.0 ohms with a rise time of 1 nsec or less with pulse widths as high as 100 nsec. The 3.0 ohm load should be soldered between the centre conductor and either ground pad of the output microstrip line.

The input amplitude may be as high as 350 volts thereby yielding up to 87volts to a 3 ohm load (or load currents as high as 28 amps).

CAUTION: Use minimal heat when soldering to the transformer.



88.01.03

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MANAGING WAREHOUSE ELECTRONICS
ENGINEERING & SERVICE DIVISION

1000 SHEPPARD AVENUE EAST
UNIT 10
SCARBOROUGH, ONTARIO
M1S 1T7
CANADA
TEL: (416) 291-8877
FAX: (416) 291-8877

PO BOX 518
SCARBOROUGH
ONTARIO
M1S 1T7
CANADA
TEL: (416) 291-8877