



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

## INSTRUCTIONS

### MODEL AVX-M4

The AVX-M4 transformer is designed to provide a match from 50 Ohms to 3 Ohms with a rise time of 2 ns or less with pulse widths as high as 100 ns. The 3 Ohm load should be soldered between the centre conductor and either ground pad of the output microstrip line.

#### CAUTION:

- 1) Use minimal heat when soldering to the transformer.
- 2) The input amplitude must not exceed 350 Volts
- 3) The input pulse width must not exceed 100 ns

