



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

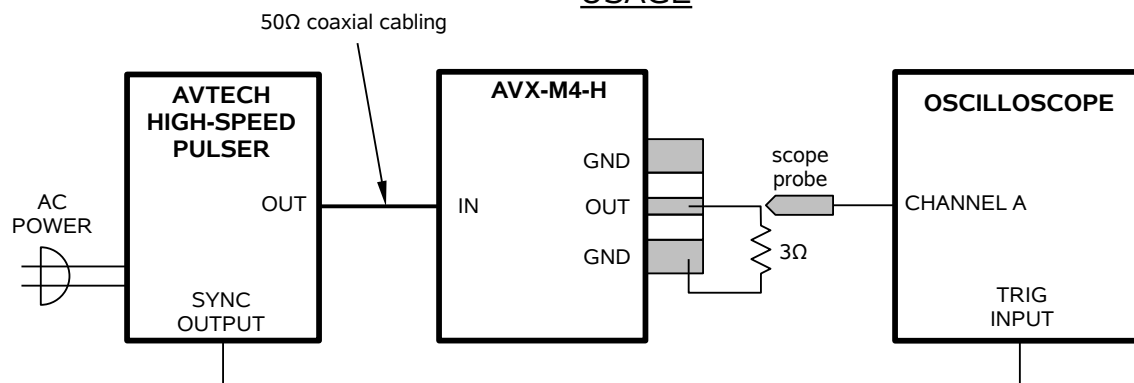
INSTRUCTIONS

MODEL AVX-M4-H

SPECIFICATIONS

Model:	AVX-M4-H
Impedance match:	50Ω to 3Ω
Basic function:	current quadrupling
Max. voltage in	750 V
Max. voltage out	188 V
Max. current out	63 A
Max. pulse width:	200 ns @750V 1 us @ 100V
Rise time ¹ (t _R , 20%-80%):	5 ns
Droop (max):	< 5%
Dimensions: (H × W × D)	43 × 76 × 76mm 1.7 × 3 × 3"
Connectors:	In: SMA Out: Microstrip line, with ground plane bordering the output center conductor

USAGE



Notes:

1. The 3 Ohm load should be soldered between the OUT and GND pads. Use limited heat to avoid de-laminating the circuit board.