

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
ENGINEERING - MANUFACTURING

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INSTRUCTIONS

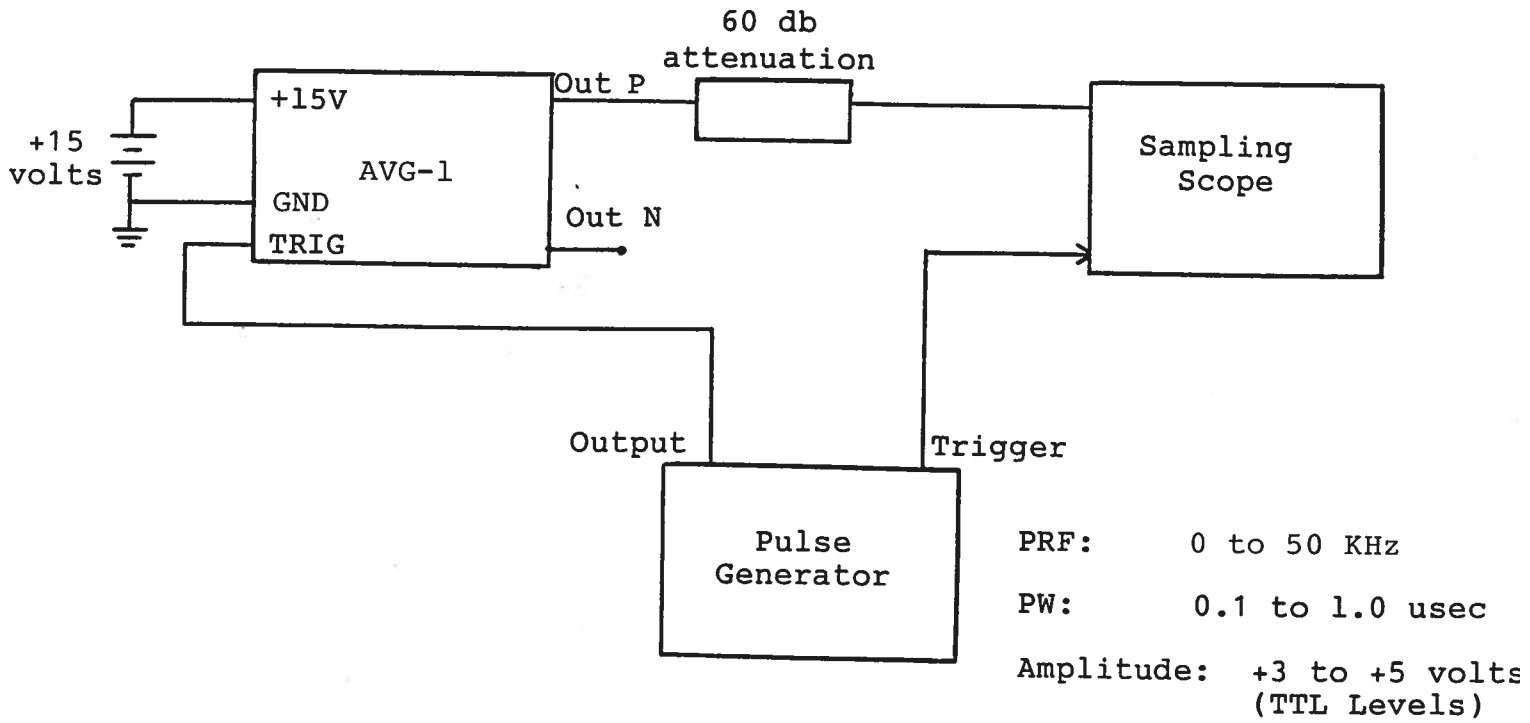
MODEL AVG-1-PN-SSA IMPULSE GENERATOR

S.N. :

WARRANTY

Avtech Electrosystems Ltd. warrants products of its manufacture to be free from defects in material and workmanship under conditions of normal use. If, within one year after delivery to the original owner, and after prepaid return by the original owner, this Avtech product is found to be defective, Avtech shall at its option repair or replace said defective item. This warranty does not apply to units which have been disassembled, modified or subjected to conditions exceeding the applicable specifications or ratings. This warranty is the extent of the obligation or liability assumed by Avtech with respect to this product and no other warranty or guarantee is either expressed or implied.

IMPULSE GENERATOR TEST ARRANGEMENT



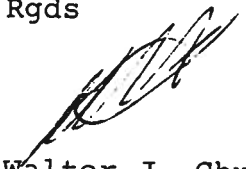
Notes:

- 1) The bandwidth capability of components and instruments used to display the impulse generator output signal (attenuators, cables, connectors, etc.) should exceed ten gigahertz.
- 2) The use of 60 db attenuation will insure a peak input signal to the sampling scope of less than one volt.
- 3) In general, the pulse generator trigger delay control should be set in the 100 nsec. range. Other settings should be as shown in the above diagram. The impulse generator output is delayed with respect to the trigger input signal by about 30 nsec (typically).
- 4) The delay of the N channel with respect to the P channel may be varied by about ± 3 ns by means of a 10 turn trim pot which is accessible via a hole in the N side of the chassis. CCW rotation of the pot increases the N delay.
- 5) The impulse generator can withstand an infinite VSWR on the output port.

Package material: Aluminum.
Price: \$1,795.00 US each,
FOB Destination.
PST, GST: Extra if applicable.
Delivery: 30 days ARO.

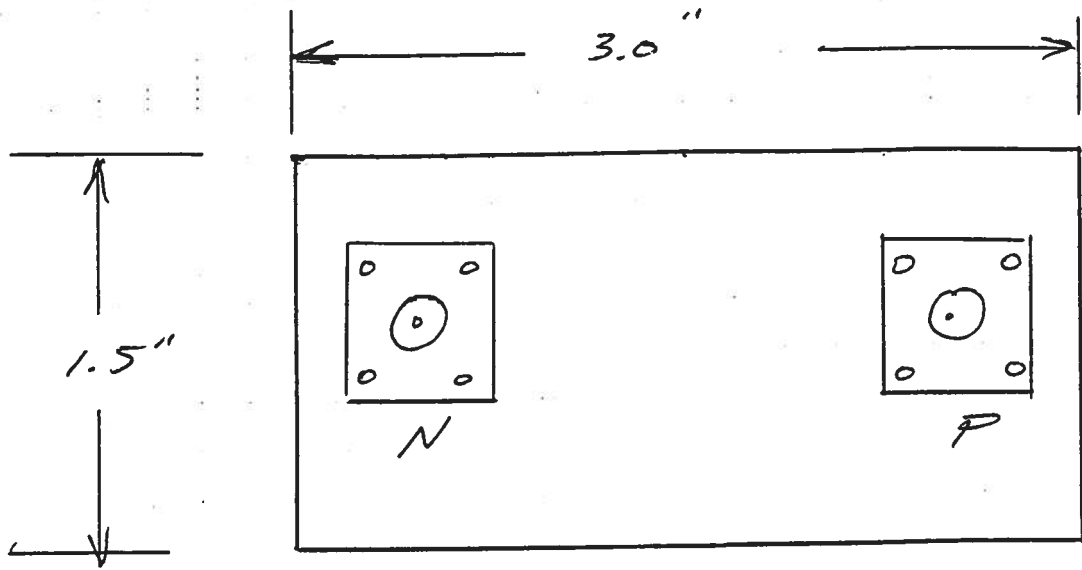
Thank you for your interest in our products. Please call me again if you require any additional information or modifications to the above specifications.

Rgds

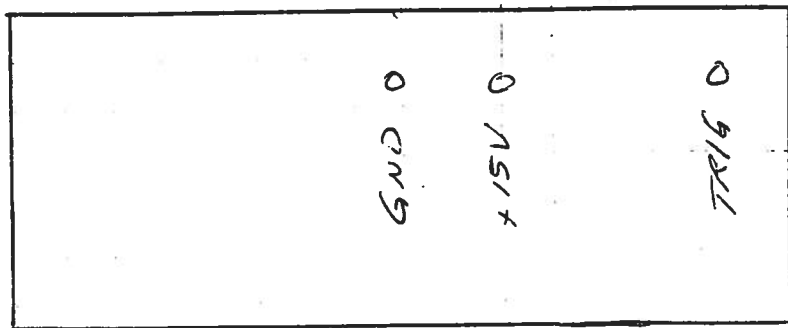


Walter J. Chudobiak
Chief Engineer

WJC:pr



MODEL AUG-1-PN-SSA (END VIEW)



05.29.91