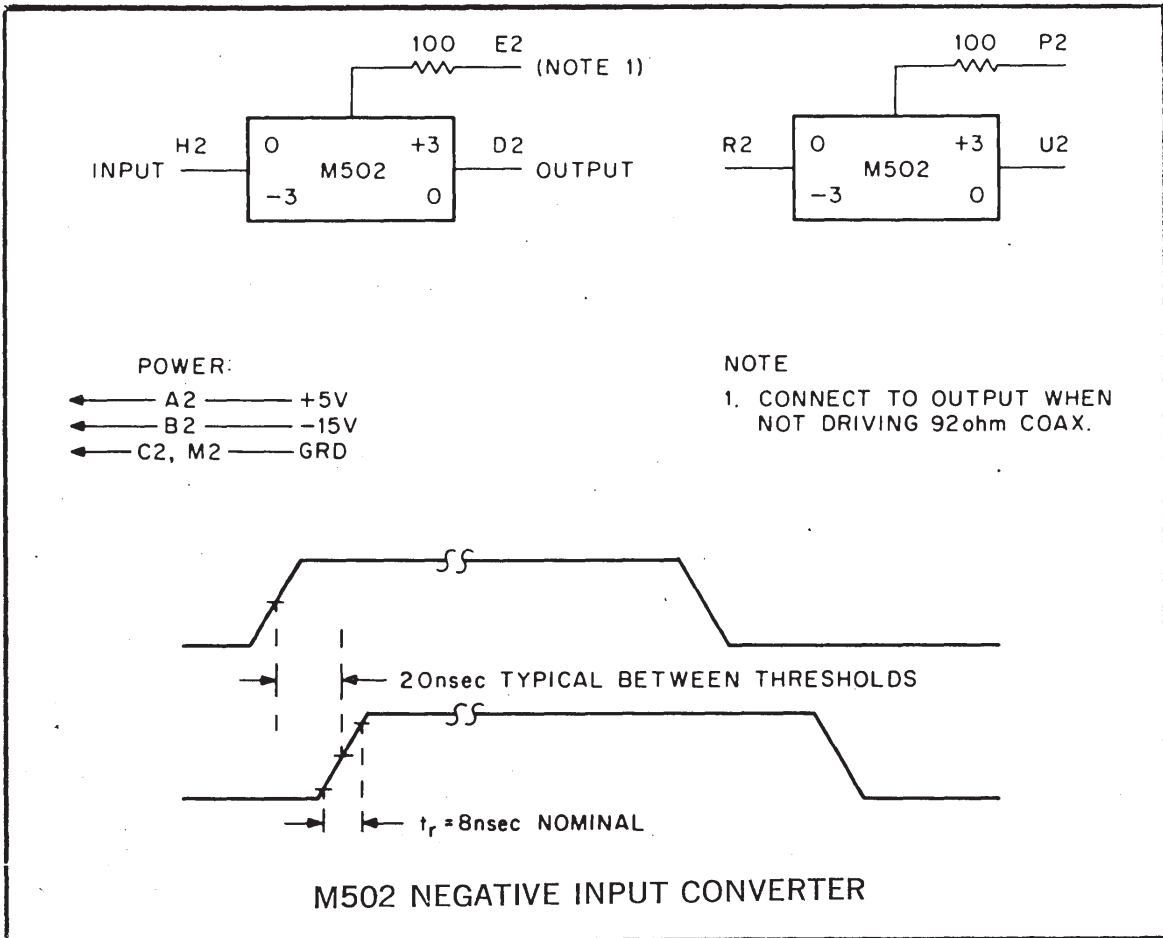


NEGATIVE INPUT CONVERTER

TYPE M502

M SERIES



The M502 contains two non-inverting high-speed signal converters which interface standard negative (-3v and ground) DIGITAL logic levels or pulses with M and K Series positive logic modules. These converters provide sufficient current drive at a low output impedance for system interconnections by means of terminated 92-ohm coaxial cable. The converters operate at frequencies up to 10 MHz, with typical output rise and fall times of 8 nsec. Propagation times for output rise and fall are typically 20 nsec.

INPUT	OUTPUT
0v	+3v
-3v	0v

Inputs: Input loading is equivalent to a 3 ma clamped load.

Outputs: Each output can drive terminated 92-ohm coaxial cable, and supply an additional 30 ma at +3 volts or sink an additional 30 ma at ground. Output rise and fall times depend on the length of coaxial cable driven. When coaxial cable is not driven, switching speeds are increased by connecting the 100 ohm resistor to the output.

Power: +5 volts, 150 ma; -15 volts, 20 ma (avg)

M502 — \$26.00
