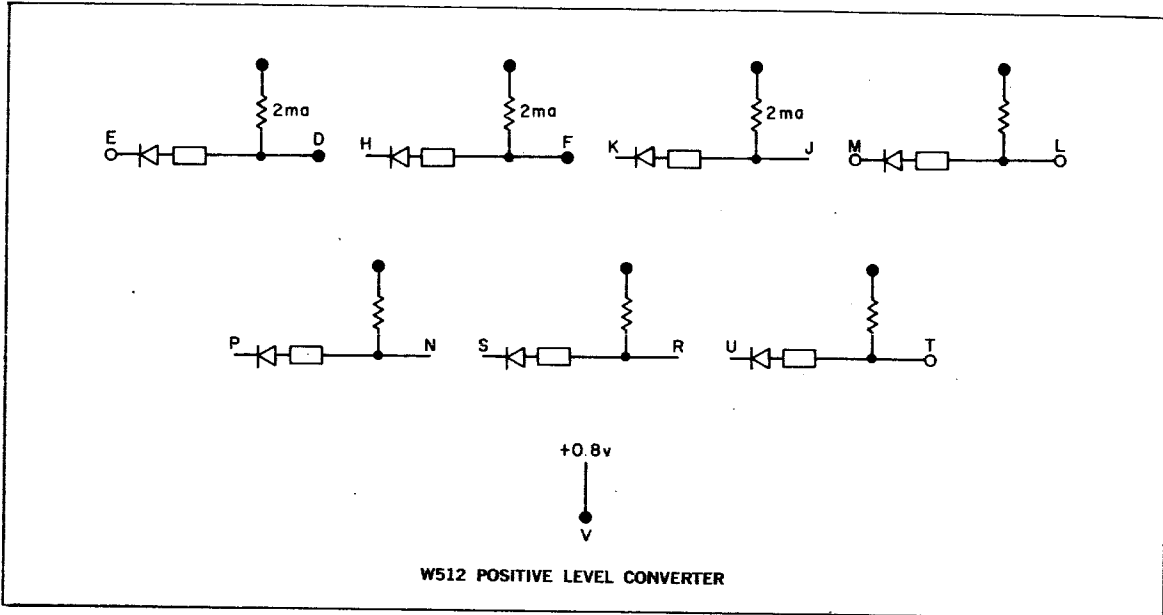


# POSITIVE LEVEL CONVERTER

## TYPE W512

(Single height and width)

**W**  
SERIES



Positive logic systems, such as those using monolithic integrated circuits, can use the W512 to make available standard accessory modules in the W and A series.

Input threshold voltage to each converter is normally 1.6 volts for compatibility with DTL and TTL levels. This threshold can be set at 0.8 volts by grounding pin V for RTL level conversion.

**INPUTS:** Input current  $-1$  ma or less for input voltages between 0.3 volts and the threshold, 100 ma for

inputs above the threshold. Input voltages must not exceed 6.0 volts with pin V open, or 5.3 volts with pin V grounded. Inputs must exceed nominal thresholds by at least 0.4 volts for full switching with minimum noise rejection.

**OUTPUTS:** Each output can supply up to 8 ma at ground. Grounded inputs provide grounded outputs and positive inputs provide negative outputs.

**POWER:** +10v (A)/104 ma;  $-15$ v (B)/30 ma.