Table 1-1. 8085 Interface Pod Specifications

ELECTRICAL PERFORMANCE	
Power Dissipation	3.0 watts maximum
Electrical Protection	
CLOCK INPUTS	-0.5 to +7 volts may be applied between ground and any ribbon cable plug pin continuously cable plug pin continuously as long as the pod is powered by the troubleshooter.
OTHER INPUTS	-7 to +12 volts may be applied between ground and any ribbon cable plug pin continuously as long as the pod is powered by the troubleshooter.
MICROPROCESSOR SIGNALS	
Input Low Voltage	0V min., +0.8V max.
Input High Voltage	+2.0V min., +5.0V max.
Output Low Voltage	+0.45V max. with Iol = 2.0 mA
Output High Voltage	+2.4V min. with Ioh = -400 μA
Tristate Output Leakage Current	±20 μA
High Level Input Current	20 μA typ. with Vih = +2.7V
Low Level Input Current	
READY, TRAP, HOLD, RESET IN	-400 μA max. with Vil = +0.4V
ALL OTHER INPUT LINES	-20 μA typ. with Vil = +0.4V
TIMING CHARACTERISTICS	
Maximum Clock Frequency	5.0 MHz typ.
Added Delays to 8085 Signals	
LOW-TO-HIGH TRANSITIONS	20 ns typ.
HIGH-TO-LOW TRANSITIONS	24 ns typ.

Table 1-1. 8085 Interface Pod Specifications (cont)

UUT POWER DETECTION

Detection of Low Vcc Fault	Vcc $\leq$ +4.5V detected
Detection of High Vcc Fault	Vbb $>$ -5.5V detected

GENERAL

Size	3.3 cm High x 10.2 cm Wide x 18.55 cm Deep (1.3 in High x 4.0 in Wide x 7.4 in Deep)
Weight	0.68 kg (1.5 lbs)
Environment	
STORAGE	-40° to +70°C, RH $\leq$ 95%
OPERATING	0° to +25°C, RH $\leq$ 95% +25° to +40°C, RH $\leq$ 75% +40° to +50°C, RH $\leq$ 45%