



SLC – PCMCIA ATA TYPE II PRODUCT SPECIFICATIONS:

System Performance

SLC – NAND Flash : Female 68 pins
Data Transfer Mode PIO Mode0-4, MWDMA 0-2, UDMA Mode 0-4
66.6MB / sec (ATA-5 / UDMA-4)
16.6MB / sec (ATA-3 / PIO-4)
Sequential Read 40.0MB / sec Max.
Sequential Write 28.2MB / sec Max.
Average Access Time 0.2ms (estimated)

Environmental Specification

Standard Temperature Operation 0°C ~ +70°C
Non-operation -20°C ~ +80°C
Wide Temperature Operation -40°C ~ +85°C
Non-operation -50°C ~ +95°C
Vibration Operation max 15G compliant to MIL-STD-810F
Shock Operation max 1500 G compliant to MIL-STD-810F
Humidity Operation max 10~95% non-condensing
Altitude 70,000 Feet

Reliability

Main Time Between Failure > 3,000,000 hours
Error Code Correction 4 bits per 512 byte blocks
Endurance > 2,000,000 cycles
Data Retention 10 years

Power Consumption

Power Voltage +3.3V ± 5% +5V ± 10%
Reading mode 150mA (Max)
Writing mode 135mA (Max)
Sleep Mode 2.4mA (Max)

Physical Specifications

PCMCIA-ATA Flash Card

Length 85.5 ± 0.1 mm (3.366 ±.004 in)
Width 54.4 ± 0.1 mm (2.142 ±.004 in)
Thickness 4.9 mm ± 0.1 mm (.1928 ±.004 in)
Weight 42.9 ± 0.1 g (1.42 ± 0.1 oz)

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