



SLC – Compact Flash (CF) PRODUCT SPECIFICATIONS:

System Performance

SLC – NAND Flash : Female 50 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 37.8MB / sec Max.
Sequential Write 27.0MB / 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
Wear Leveling Static Algorithms
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 124mA (Max)
Writing mode 121mA (Max)
Sleep Mode 1.8mA (Max)

Physical Specifications

Length 36.4 mm
Width 42.8 mm
Thickness 3.3 mm
Weight 12.0 g (0.42 oz)

Irvine, California 92618 USA
TEL: +1 714-881-4777 FAX: +1 801-847-8644
E-Mail: sales@PCcardsDirect.com