

ICF 9000 MLC



FCC E RoHS

FEATURES

- Support static wear leveling algorithm
- S.M.A.R.T. & i-S.M.A.R.T. Supported
- Intelligent system for error recovery
- Excellent data transfer speed
- Enhanced power cycling

R:100MB/s
W:65MB/s

PIO 0~4
Support

ECC &
Wear leveling

MDMA
UDMA

S.M.A.R.T

Write
protect

Specifications

Connector Type	CF 50pin
Flash Type	MLC (Multi Level Cell)
Density	4GB, 8GB, 16GB, 32GB, 64GB, 128GB
Interface	50 pin Compact Flash
Sustained R/W Performance	Read : 100MB/sec (max.) Write : 65MB/sec (max.)

Environmental

DC Input	+3.3V DC $\pm$ 5%
Power consumption (Max.)	Read: 218 mA Write: 268 mA Idle: 0.4 mA
Operating Temperature	0°C ~ +70°C (Standard Grade) -20°C ~ +85°C (Extended Grade)
Storage Temperature	-55°C ~ +95°C
Humidity	Relative Humidity: 10-95%, non-condensing
Flash Endurance	3,000 program/erase cycles
MTBF	> 3,000,000 hours
Certification	CE, FCC, RoHS
Warranty	2 years

Mechanicals

Dimension (W x L x H)	42.8mm x 36.4mm x 3.3mm
Weight	9g $\pm$ 5g
Vibration	7 Hz to 2K Hz, 3 axes
Shock	Duration: 0.5ms, 1500G, 3 axes

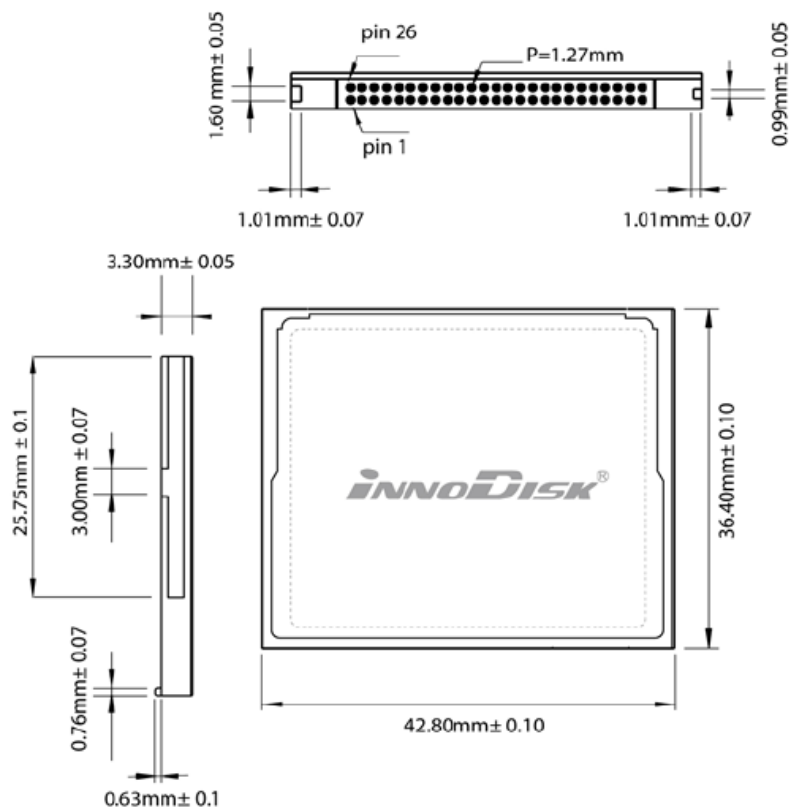
Health monitoring Tool

S.M.A.R.T.	Supported
i-S.M.A.R.T.	Supported (Utility for Windows, Linux)

Ordering Information

Capacity	Standard Grade	Extended Grade
4GB	DC1M- <u>04G</u> D71A <u>C</u> 1SN	DC1M- <u>04G</u> D71A <u>E</u> 1SN
8GB	DC1M- <u>08G</u> D71A <u>C</u> 1DN	DC1M- <u>08G</u> D71A <u>E</u> 1DN
16GB	DC1M- <u>16G</u> D71A <u>C</u> 1QN	DC1M- <u>16G</u> D71A <u>E</u> 1QN
32GB	DC1M- <u>32G</u> D71A <u>C</u> 1QN	DC1M- <u>32G</u> D71A <u>E</u> 1QN
64GB	DC1M- <u>64G</u> D71A <u>C</u> 1QN	DC1M- <u>64G</u> D71A <u>E</u> 1QN
128GB	DC1M- <u>A28</u> D71A <u>C</u> 1QN	DC1M- <u>A28</u> D71A <u>E</u> 1QN

Mechanical Dimension



Comparison Chart

