

MEMORY CARDS

Commercial Grade Compact Flash - CF



- ATA / IDE interface compliant
- MLC NAND Flash, capacity from 4GB - 64GB
- Standard and wide temperature range
- Extreme durability for rugged environments
- Industrial test process
- Made in Taiwan
- Fixed BOM

Technical data:

Electrical & performance:

Interface:	50-pin Compact Flash Type I
Operating frequency:	150MHz
DC input voltage:	+ 3.3 / +5V VDC single power operation
Power consumption:	110mA (typical)
Transfer rate:	MLC: Read 90MB/s and write 75MB/s

Environmental:

Operating temperature:	Standard 0°C ~ +70°C or wide -40°C ~ +85°C
Storage temperature:	-40°C ~ +85°C
Humidity:	10% ~ 95%, non-condensing
Vibration:	20G (80-2000Hz)
Shock:	1500G (0.5ms)
ESD proof:	Yes, +/-4kV
Acoustic noise:	0dB
IP class:	IPX7

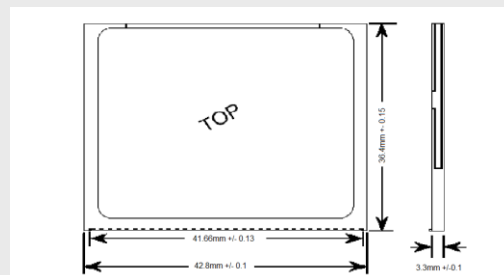
Reliability:

Endurance:	>2.000.000 cycles
Program/Erase cycles:	MLC: 3.000 times
Data retention:	10 years
Number of insertion reliability:	10.000 times
MTBF:	2.000.000 hours

Mechanical & Certificates:

Size:	42.8x36.4x3.3mm
Weight:	10g (CF card only), 15g packed in minicase
Certificate:	CE/FCC/RoHS

Dimensions:



Ordering information:

MLC (Standard temp)	MLC (Wide temp)	Capacity
CF-MLC-4G	CF-MLC-4G-W	4GB
CF-MLC-8G	CF-MLC-8G-W	8GB
CF-MLC-16G	CF-MLC-16G-W	16GB
CF-MLC-32G	CF-MLC-32G-W	32GB
CF-MLC-64G	CF-MLC-64G-W	64GB