

# MEMORY CARDS

## Industrial Grade Compact Flash - CF



- SLC NAND Flash technology capacity from 1G - 32G
- ATA / IDE interface compliant
- Temperature range, standard and extended
- 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: SLC: Read 88MB/s and write 85MB/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

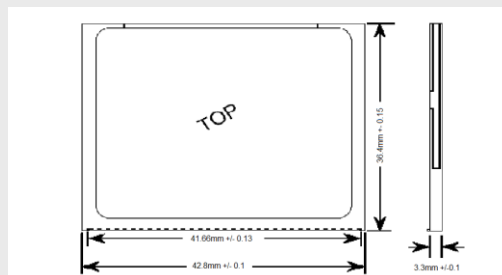
#### Reliability:

Endurance: >2.000.000 cycles  
 Program/Erase cycles: SLC: 100.000 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:

SLC (Standard temp)	SLC (Wide temp)	Capacity
CF-SLC-1G	CF-SLC-1G-W	1GB
CF-SLC-2G	CF-SLC-2G-W	2GB
CF-SLC-4G	CF-SLC-4G-W	4GB
CF-SLC-8G	CF-SLC-8G-W	8GB
CF-SLC-16G	CF-SLC-16G-W	16GB
CF-SLC-32G	CF-SLC-32G-W	32GB