

CompactFlash Card

IPC39 MLC



ADATA's industrial-grade CompactFlash (CF) memory cards are designed to provide high compatibility, durability, reliability, and operations security to meet the requirements of industrial computers, retail (POS, kiosk), healthcare, and gaming applications. It supports ECC (error correcting code) function, which automatically detects and corrects errors for data integrity, and Wear Leveling technology, which evenly maps data over an entire system to extend the product lifespan.

Features

- Compliant with CF 6.0 specifications
- Built-in Error Correcting Code (ECC)
- Wear Leveling
- Low power consumption: 1W
- Wide temperature support: -40°C to 85°C
- Suitable for industrial PCs, POS, kiosks, healthcare, and gaming applications

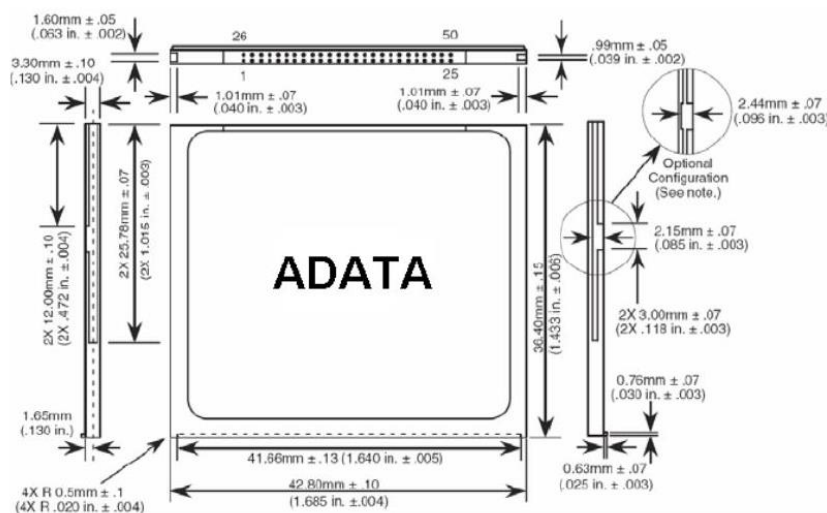
Ordering Information

Operating Temp.	8GB	16GB	32GB	64GB
0°C to 70°C	IPC39-008GM	IPC39-016GM	IPC39-032GM	IPC39-064GM
-40°C to 85°C	IPC39-008GT	IPC39-016GT	IPC39-032GT	IPC39-064GT

Specifications

Model	IPC39 (MLC)
Form Factor	CF50 pin type 1
Capacity	8GB – 64GB
Interface	PIO Mode 0-6, Multi-Word DMA Mode 0-4, Ultra DMA Mode 0-5
Flash Type	MLC
Dimensions (L x W x H)	36.4 x 42.8 x 3.3mm
Sequential Read (Max.)	120MB/s
Sequential Write (Max.)	100MB/s
Operating Temperature (Standard)	0°C to 70°C
Operating Temperature (Industrial)	-40°C to 85°C
Operating Voltage	3.3V
Power Consumption (Max.)	1W
Shock Resistance	1500G/0.5ms, Half Sine Wave
Operating Humidity	5%-95% RH, non-condensing
Vibration Resistance	20G (20-2000Hz)
Technologies	ECC, Wear Leveling, Bad Block Management,

Diagram



Unit: mm

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