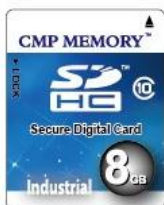
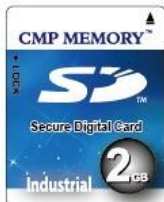
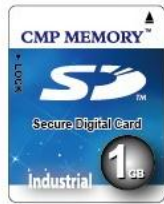


MEMORY CARDS

Industrial Grade 3.0 Secure Digital Card



- Comply to the Secure Digital Association / SDA standard
- SLC NAND Flash technology
- Capacity up to 8GB and Class 10 (MLC up to 32GB)
- Temperature range -25 or -40°C ~ 85°C
- Extreme rugged, vibration, water and shock resistant
- Made in Taiwan
- Fixed BOM

Technical data:

Electrical & performance:

Interface:	9-pin. Supports both version 2.0 & 3.0
Operating frequency:	50MHz
DC input voltage:	2.7-3.6VDC
Power consumption:	110mA (typical)
Transfer rate:	Read 18MB/s and write 15MB/s

Environmental:

Standard temperature range:	-25°C ~ +85°C
Extended temperature range:	-40° C ~ +85°C
Humidity:	10% ~ 95%, non-condensing
Vibration:	5G (10-500Hz), 20G (60-2000Hz)
Shock:	1500G (0.5ms)
ESD proof:	Yes, +/-4kV
Acoustic noise:	0dB
IP class:	IPX7

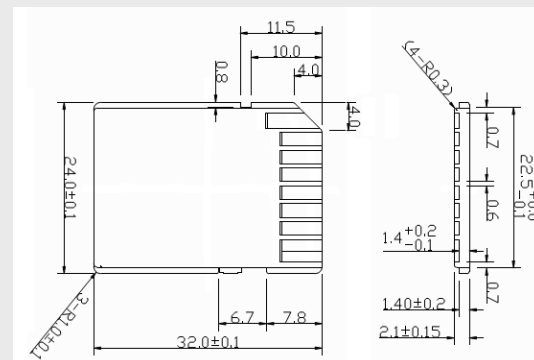
Reliability:

Endurance:	>2.000.000 erase/write cycles
Endurance:	SLC: 100.000 times
Data retention:	10 years
Number of Insertion reliability:	10.000 times
MTBF:	3.000.000 hours

Mechanical & Certificates:

Size:	32x24x2.1mm
Weight:	2g (SD card only), 7g packed in small minicase
Certificate:	CE/FCC/RoHS

Dimensions:



Ordering information:

Standard temp range (-25°C)	Extended temp range (-40°C)	Capacity
01GE06-PM	01GI06-PM	1GB
02GE06-PM	02GI06-PM	2GB
04GE06-PM	04GI06-PM	4GB
08GE06-PM	08GI06-PM	8GB