

## SanDisk MultiMediaCard

### Interface

MultiMediaCard or SPI

### Performance (Notes 1 & 2)

Interface Transfer Speed (Max) 2.5 MB/sec

### Power Requirements (Note 1)

DC Input Voltage  
Commercial 2.7V to 3.6V  
Industrial N/A  
Typical Power Dissipation (Notes 3 & 4)  
Sleep 150  $\mu$ A  
Read <40 mA  
Write <45 mA

### Environmental Specifications

Temperature  
Operating Commercial -25–85°C  
Operating Industrial N/A  
Non-Operating Commercial -40–85°C  
Non-Operating Industrial N/A  
Humidity  
Operating 8–95%, non-condensing  
Non-Operating 8–95%, non-condensing  
Acoustic Noise (at 1 meter) 0 dB  
Vibration  
Operating 15 G peak to peak max.  
Non-Operating 15 G peak to peak max.  
Shock  
Operating 1,000 G max.  
Non-Operating 1,000 G max.  
Altitude (relative to sea level)  
Operating/Non-Operating 80,000 feet max.

### Reliability and Maintenance

MTBF (Mean Time Between Failures) >1,000,000 hours  
Preventive Maintenance None  
Data Reliability <1 non-recoverable error in 10<sup>14</sup> bits read

### Physical Specifications

Length 32 mm  $\pm$  0.1 mm  
Width 24 mm  $\pm$  0.08 mm  
Thickness (Body) 1.4 mm  $\pm$  0.1 mm  
Thickness (Removable Edge) N/A  
Weight 1.5 g. max.

### Ordering Information

Order Model #	SDMB-YYY	SDMJ-YYY
YY:	16 16.1 MB 32 32.1 MB	64 64.2 MB 128 128.2 MB

Specifications subject to change without notice