

High Speed Class 10 uSD Card



About four times smaller than the average SD card, the uSD card is primarily used with mobile handsets, the uSD Card also is supported by a variety of hand-held GPS devices, portable audio players, video game consoles and expandable USB flash memory drives.

Features

- Great for Automobile Applications
- Up to 90MB/s read and 55MB/s write
- High Speed: up to Class 10, U3, V30, A2
- Water, temperature, shock and X-ray proof
- Backwards compatible with SD enable devices
- Built-in write protection features

Specifications

Capacity	2GB – 512GB
Dimensions(uSD)	11 x 15 x 1 mm
Dimensions(SD Adapter)	24 x 32 x 2.1 mm
Seq. Read Up to(MB/sec)	90
Seq. Write Up to(MB/sec)	55
Power Supply	3.3V
Durability	10,000 mating cycles
Bending	10N
Torque	0.10N*m. ±2.5° max
Drop Test	1.5m free fall
Operating Temperature	-25 to 85°C
Storage Temperature	-40 to 85°C
Moisture and corrosion	Operating: 25°C / 95% rel. humidity Non-Operating: 40°C / 93% rel. hum./500h
Salt water spray	3% NaCl/35C; 24h acc. MIL STD Method 1009
Visual Inspection/Shape and Form	No warp age; no mold slim; complete form; no cavities; surface smoothness ≤-0.1mm / cm ² within contour; no cracks; no pollution (oil, dust, etc.)

Ordering information

Capacity	Part Number	Grade
2GB	MSD2GBSA/N	N/A
4GB	MSD4GBST10	C10
8GB	MSD8GBSTU1	U1
16GB	MSD16GSTU1	C10 U1 V10 A1
32GB	MSD32GSTU1	C10 U1 V10 A1
64GB	MSD64GSTU1	C10 U1 V10 A1
128GB	MSD128STU1	C10 U1 V10 A1
256GB	MSD256STU3	C10 U3 V30 A2
512GB	MSD512STU3	C10 U3 V30 A2