

RENICE S8 Industrial microSD card

(microSDHC/microSDXC UHS-I Class 10 V30 A2 Card)

Product Specification

- **Form Factor**
 - Micro Secure Digital (microSD Card)
- **Dimensions**
 - 11 mm x 15 mm x 2.1 mm (0.43" x 0.59" x 0.03")
- **Flash Type**
 - 3D TLC NAND flash
- **Capacity**
 - pSLC: 8 GB~16GB
 - 3D TLC: 32GB~256GB
- **Operating Voltage**
 - 2.7V ~ 3.6V
- **Operating Temperature**
 - -40°C (-13°F) ~ 85°C (185°F)
- **Storage Temperature**
 - -50°C (-58°F) ~ 95°C (203°F)
- **Performance**
 - Read Speed (Max.) up to 90 MB/s
 - Write Speed (Max.) up to 80 MB/s
- **Compliant with SD specification 6.0**
- **Certificate**
 - CE / FCC
- **Support SMART tool**

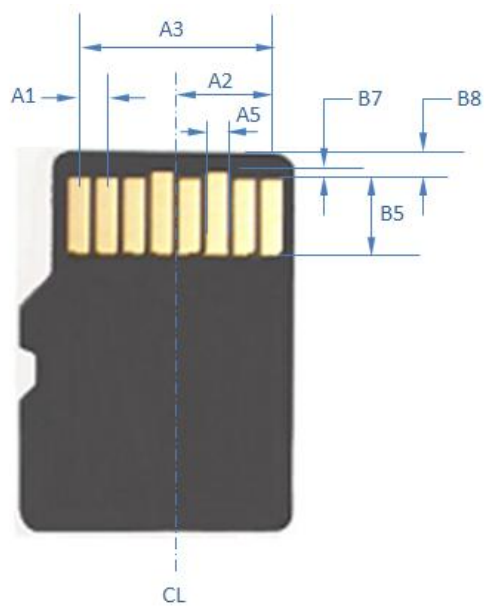
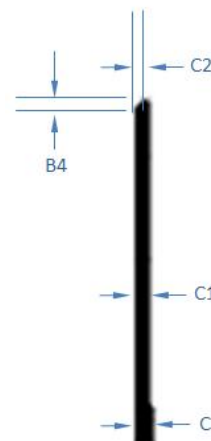
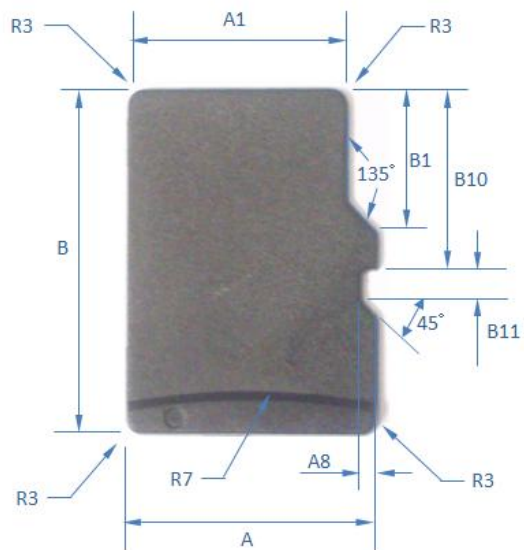
Ordering Information

Part Number	Package Including
RIP008-S8MS	microSD Card x 1
RIP016-S8MS	microSD Card x 1
RIT032-S8MS	microSD Card x 1
RIT064-S8MS	microSD Card x 1
RIT128-S8MS	microSD Card x 1
RIT256-S8MS	microSD Card x 1

Tera Bytes Written

Part Number	TBW
RIP008-S8MS	155 TB
RIP016-S8MS	320 TB
RIT032-S8MS	73 TB
RIT064-S8MS	145 TB
RIT128-S8MS	300 TB
RIT256-S8MS	610 TB

Mechanical Dimensions



Criteria of microSD

Unit: mm

Dimensions	Min	TYP	Max	Note
A	10.90	11.00	11.10	
A1	9.60	9.70	9.80	
A2		3.85		BASIC
A3	7.60	7.70	7.80	
A4		1.10		BASIC
A5	0.75	0.80	0.85	
A8	0.60	0.70	0.80	
B	14.90	15.00	15.10	
B1	6.13	6.23	6.33	
B4	0.42	0.52	0.62	
B5	2.80	2.90	3.00	
B7	0.20	0.30	0.40	
B8	1.00	1.10	1.20	
B10	7.80	7.90	8.00	
B11	1.10	1.20	1.30	
R3	0.70	0.80	0.90	
R7	29.50	30.00	30.50	
C	0.90	1.00	1.10	
C1	0.60	0.70	0.80	
C2	0.20	0.30	0.40	