

# SD Card 3.0

## APXXXXSDHC10XX-X / APXXXXSDXC10XX-X



### SPECIFICATIONS

| Interface         | SD Specification Version 3.0                                                                   |                                                   |
|-------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Interface speed   | <b>3</b>                                                                                       | UHS-I (Indicate Speed Class 3 on UHS-I Interface) |
|                   | <b>1</b>                                                                                       | UHS-I (Indicate Speed Class 1 on UHS-I Interface) |
|                   | Class 10 (Indicate SD Speed Class when used with a device that does not support UHS Interface) |                                                   |
| Capacity*         | 8GB-128GB                                                                                      |                                                   |
| Form Factor       | SDHC or SDXC                                                                                   |                                                   |
| Protection        | Write Protect mechanical switch                                                                |                                                   |
| Operating Voltage | 2.7V to 3.6V                                                                                   |                                                   |
| Dimension         | 32mm(L) x 24mm(W) x 2.1mm(H)                                                                   |                                                   |
| Temperature       | Operating                                                                                      | 0°C to 70°C                                       |
|                   | Storage                                                                                        | -40°C to 85°C                                     |
| Humidity          | Operating:                                                                                     | RH 93% under 25°C                                 |
|                   | Non-operating:                                                                                 | RH 93% under 40°C                                 |
| Drop test**       | 1.5m free fall                                                                                 |                                                   |
| Torque test**     | 0.15N-m or ±2.5 degrees                                                                        |                                                   |
| Switch test       | Cycles                                                                                         | Slide 0.4N to 5N                                  |
| Warranty          | Limited product lifetime warranty                                                              |                                                   |
| Certifications    | RoHS, CE, FCC, BSMI                                                                            |                                                   |

### ORDERING INFORMATION

| Speed                               | Capacity | P/N              |
|-------------------------------------|----------|------------------|
| UHS-I U1 Class10                    | 8GB      | AP8GSDHC10U1-X   |
|                                     | 16GB     | AP16GSDHC10U1-X  |
|                                     | 32GB     | AP32GSDHC10U1-X  |
|                                     | 64GB     | AP64GSDXC10U1-X  |
| UHS-I U3 Class10<br>R/W: 95/45MB/s  | 16GB     | AP16GSDHC10U3-X  |
|                                     | 32GB     | AP32GSDHC10U3-X  |
|                                     | 64GB     | AP64GSDXC10U3-X  |
| UHS-I U3 Class10<br>R/W: 95/85 MB/s | 32GB     | AP32GSDHC10U4-X  |
|                                     | 64GB     | AP64GSDXC10U4-X  |
|                                     | 128GB    | AP128GSDXC10U4-X |

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