

## ***Attachment***

### **MJA2 BH Series: Key Specifications**

Capacity (*1)	Maximum 500 GB
Interface	SATA 3.0Gb/s (ATA-8, Serial ATA 2.6)
Rotation speed	5,400 RPM
Average seek time (typ.)	12ms (read) 14 ms (write)
Data transfer rate	Max 300 MB/s
Buffer size (*2)	8 MB
Shock resistance, during operation	350 G (2 ms)
Shock resistance, non-operating	900 G (1 ms)
Voltage	+5 V $\pm$ 5%
Power consumption	
Read/write (typ.)	1.4 W (3.0 Gb/s) / 1.3 W (1.5 Gb/s)
Idle (typ.)	0.60 W (in slumber mode)
Standby (typ.)	0.13 W (in slumber mode)
Noise at idle (typ.)	2.4 bels
Dimensions (*3)	9.5 x 70 x 100 mm
Weight	101g or less

### **MJA2 CH Series: Key Specifications**

Encryption	AES 256-bit
Capacity	Maximum 500 GB
Interface	SATA 3.0Gb/s (ATA-8, Serial ATA 2.6)
Rotational speed	5,400 RPM
Average seek time (typ.)	12ms (read) 14 ms (write)
Data transfer rate	Max 300 MB/s
Buffer size	8 MB
Shock resistance, during operation	350 G (2 ms)
Shock resistance, non-operating	900 G (1 ms)
Voltage	+5 V $\pm$ 5%
Power consumption	
Read/write (typ.)	1.4 W (3.0 Gb/s) / 1.3 W (1.5 Gb/s)
Idle (typ.)	0.60 W (in slumber mode)
Standby (typ.)	0.13 W (in slumber mode)
Noise at idle (typ.)	2.4 bels
Dimensions	9.5 x 70 x 100 mm
Weight	101g or less

### ***Notes***

1: 1 GB is equivalent to 1 billion bytes. Usable storage capacity is actually less than this figure. Actual storage capacity may vary depending on the environment and formatting of the customer's system.

2: Some buffer memory will be used by the firmware controller.

3: Excludes PCBA and connector.