

## SC-P Series Specification

### General

#### SC-P

|            |                |
|------------|----------------|
| Model      | SC-P           |
| Interface  | SATA (3Gbps)   |
| Controller | SandForce 15XX |
| Flash Type | SLC            |
| Capacity   | 50GB/100GB     |

### Performance

|                               |                 |
|-------------------------------|-----------------|
| Host Transfer Rate            | 3Gbps (300MB/s) |
| Average Sequential Read Rate  | 280MB/s         |
| Average Sequential Write Rate | 270MB/s         |
| Read IOPS @4kb                | 50000           |
| Write IOPS@4kb                | 50000           |

### Electrical

|         |             |
|---------|-------------|
| Voltage | 5V $\pm$ 5% |
| Active  | Max 2W      |
| Idle    | Max 0.5W    |
| Standby | Max 0.3W    |
| Sleep   | Max 0.2W    |

### Reliability

|                   |                 |
|-------------------|-----------------|
| S.M.A.R.T Support | Yes             |
| MTBF              | 2,000,000 Hours |

### Environment

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Operating Temperature     | -10°C to 70°C                                 |
| Non-Operating Temperature | -55°C to 95°C                                 |
| Operating Shock           | 1500G, ( @ 0.5msec half sine wave )           |
| Non-Operating Shock       | 1500G, ( @ 0.5msec half sine wave )           |
| Vibration                 | 20G Peak, 10 ~ 2000Hz, (15mins/ Axis) x3 Axis |
| Humidity                  | 0°C to 55°C / 90~95% RH                       |

### Physical

|        |        |
|--------|--------|
| Length | 100mm  |
| Width  | 70mm   |
| Height | 9.5mm  |
| Weight | 72~88g |

**NOTE** : 1 megabyte (MB) = 1 million bytes; 1 gigabyte (GB) = 1 billion bytes