



Model	SS210-297
Interface	SATA 3.0 (6Gb/s)
Connector	(7+15) pin male
Form Factor	JEDEC MO-297
Operation Mode	
Transfer Mode	
NAND Flash Type	SLC
Capacity	2GB~128GB
External DRAM	Yes
Sequential Read Performance (MB/sec)	Up to 525
Sequential Write Performance (MB/sec)	Up to 435
ECC Engine	Built-in 40-bit per 1K bytes BCH ECC
IOPS (4K Random Write)	
Standard Operating Temperature ( °C )	0 ~ + 70
Extended Operating Temperature ( °C )	0 ~ + 70
Storage Temperature ( °C )	-40 ~ + 100
Housing	
H/W Write Protect	
Screw Hole	
Cable-less Solution	
Thermal Sensor	
Shock	Operation: 50G, 11ms Non-operation: 1500G, 0.5ms
Vibration	Operation: 7.69 Grms, 20~2000 Hz/random (compliant with MIL-STD-810G) Non-operation: 4.02 Grms, 15 ~ 2000 Hz/sine (compliant with MIL-STD-810G)
Operating Voltage	5.0 V±5%
Power Consumption	Active mode: 470 mA / Idle mode: 85 mA
Dimension (L x W x H )	Without housing: 54 x 39.8 x 4mm
MTBF (hours)	>2,000,000