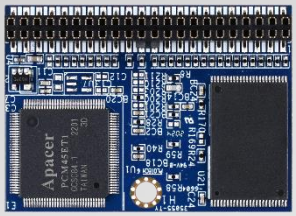
Apacer

The Most **Reliable** Storage For Industries

ADM5S-M 44P/270D



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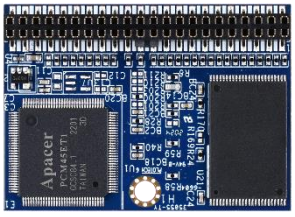
Overview



Apacer ATA Disk Module 5S(ADM) MLC complies with 44 PIN IDE (ATA) standard interface in horizontal type or in vertical type, including 270 degree. With high capacity of flash memory supporting, and is suitable for data storage media and code storage device for embedded system, mobile computing devices or other electronic equipments. 100% Compatible with the Standard IDE ATA interface, Apacer ATA Disk Module 5S(ADM) works exactly like a standard hard drive but without any moving part, strongly increasing reliability and improving data access speed performance, without any noise.

Feature

- Standard 44-pin IDE female connector
- Advanced Wear-Leveling and Block Management
- Built-in ATA Secure Erase and S.M.A.R.T. Function
- Intelligent Power Failure Recovery
- Halogen Free

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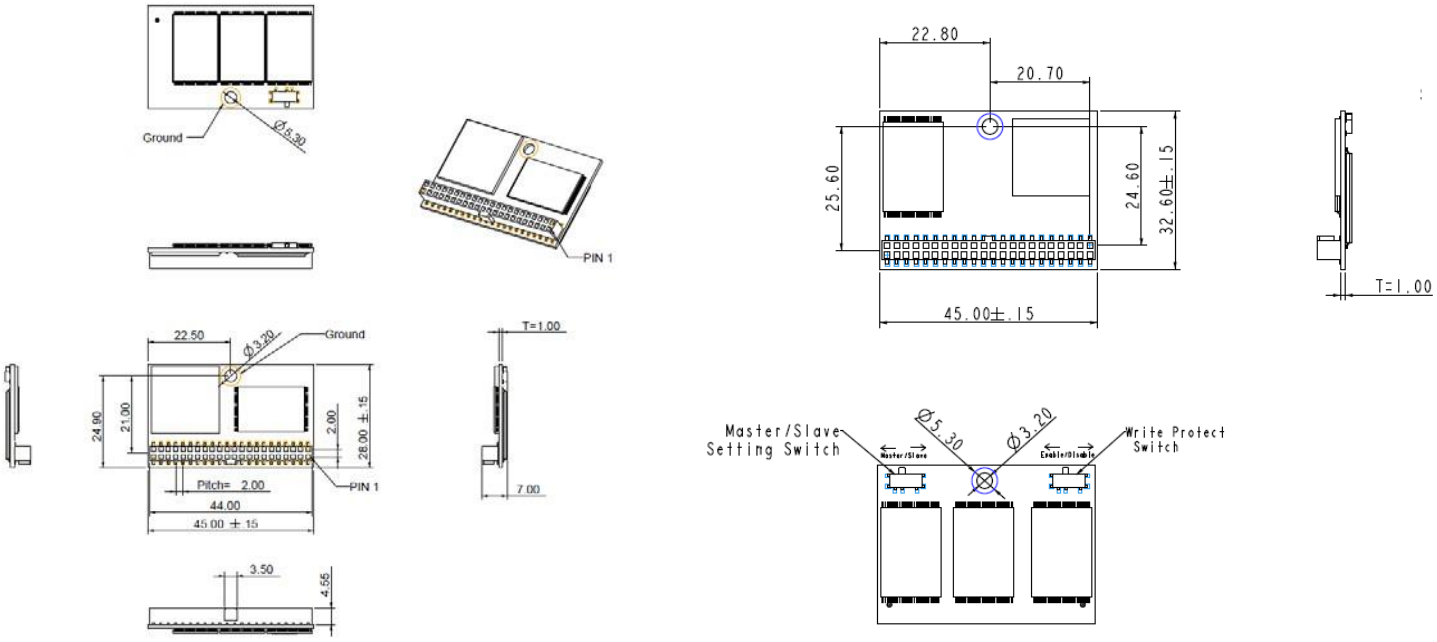
Specifications

Model	ADM5S-M 44P/270D
Interface	Standard ATA/IDE
Connector	44-pin
Operation Mode	PIO Mode up to 4/ Multiword DMA Mode up to 2/ Ultra DMA Mode up to 6
NAND Flash Type	MLC
Capacity	8GB~128GB
Sequential Read Performance (MB/sec)	Up to 100
Sequential Write Performance (MB/sec)	Up to 75
ECC Engine	Built-in 72-bit per 1K bytes BCH ECC
Standard Operating Temperature (°C)	0 ~ + 70
Extended Operating Temperature (°C)	-40 ~ + 85
Storage Temperature (°C)	-40 ~ + 100
Housing	NO
H/W Write Protect	NO
Screw Hole	Yes
Shock	1500G (complied with MIL-STD810)
Vibration	15G (complied with MIL-STD810)
Operating Voltage	3.3 V ± 5% & 5 V ± 5%
Power Consumption	Active mode: 270 mA & Idle mode: 240 mA
Dimension (L x W x H)	45 x 28 x 7 (mm)
MTBF (hours)	>1,000,000

Mechanical Specification



Unit: mm

Ordering Info

Operation Temp.	8GB	16GB	32GB	64GB
Standard Grade	AP-FM008GD1305S-4TM	AP-FM016GD1305S-4TM	AP-FM032GD1305S-4TM	AP-FM064GD1305S-4TM
Industrial Grade	AP-FM008GD1305S-4TMW	AP-FM016GD1305S-4TMW	AP-FM032GD1305S-4TMW	AP-FM064GD1305S-4TMW

Operation Temp.	128GB
Standard Grade	AP-FM128GD1305S-4TM
Industrial Grade	AP-FM128GD1305S-4TMW

Global Presence

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