

Features:

- Available in SLC or MLC and Wide Temperature
- End to END Data Protection
- Power Loss Protection
- Write Protection
- Quick Erase
- Trim Command
- Thermal Monitoring
- Advanced Power Management
- S.M.A.R.T. Support for Easy Drive Monitoring
- Reliable, Cool and Quiet with Low Power Consumption
- Fixed BOM
- Made in Taiwan



TS Connects SATA III SSD S25-10 Series Features SATA 3 6GB/s support for optimal Performance with the latest Systems, and it's backward compatible with SATA 1 and 2 for Maximum Compability.

Small and Lightweight, Shock Resistance, High Speed Access and Low Power usage are the Features of SSD S25-10 Series. High-Speed boot up, fast application response, and quicker Software and Data Loading. The SATA III SSD S25-10 Series has been extensively tested to Confirm effective Operation between -40°C and +85°C, making it Suitable for Computing Systems that are often exposed to Extreme Temperature Conditions such as Defense/Military, Indoor/Outdoor DVR Surveillance, Industrial PCs and Equipment.

Technical Shortform Specification

| Technical Shortform Specification | | | |
|-----------------------------------|-------------------------|--|--------------------------------|
| Electrical Data | Capacities SLC: | SLC: 8GB to 128GB | MLC: 4GB to 512GB |
| | Interface: | SATA III | |
| | Form Factor: | 2.5" SSD | |
| | Connector: | 7-pin Signal Segment & 15-pin Power Segment SATA Connector | |
| | Extended DRAM: | DDR3 / DDR3L | |
| | Data Transfer Rate: | SLC (Read/Write): 540/420MB/s | MLC (Read/Write): 550/470MB/s |
| | DC Voltage Input: | 5Vdc ±5% | |
| | Power Consumption: | 4.6W Max. (Active in Operation) | |
| Environment Data | Operating TEMP.: | Commercial: 0°C to +70°C | Industrial/MIL: -40°C to +85°C |
| | Storage TEMP.: | -50°C to +90°C | |
| | Humidity: | RH 95% below +55°C | |
| Reliability Data | Vibration: | 20G/80-2000Hz | |
| | Shock: | 1500G/0.5mS | |
| | ECC Technology: | Support 72-bit ECC Correct per 1K byte Data | |
| | Endurance/TBW: | 1370TB (Max.) (TBW = Terra Bytes Written) | |
| | MTBF: | >2.000.000 Hours | |
| | S.M.A.R.T. Support: | Yes | |
| | Trim Support: | Yes | |
| Mechanical | TCG Opal & AES Support: | Yes | |
| | Dimensions (L x W x H): | 100.10 x 69.85 x 7.00mm | |
| | Weight: | 50g ±5g | |
| Certifications | Approvals: | CE / FCC / RoHS | |

* For Complete Datasheet and Drawings Please Contact TS Connect AB / Power Outlet

Mechanical Drawings (mm)

