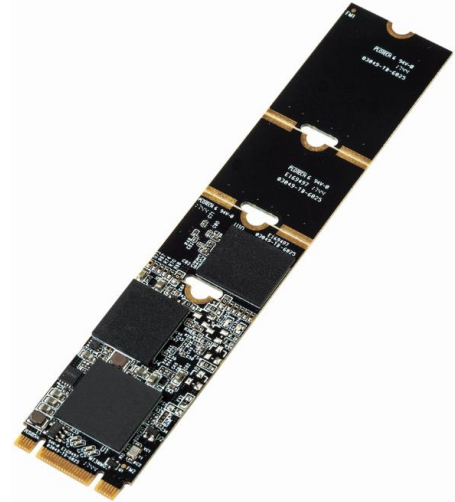
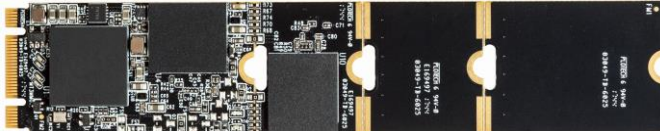


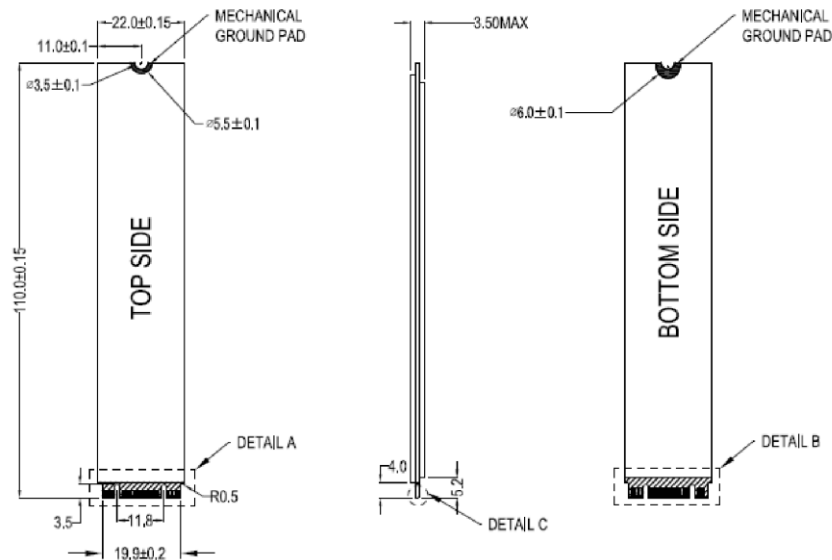
## M.2 SATA (22110) M3M



The MemxPro M.2 SATA (22110) series complies with the M.2 (NGFF) standard for width-length of 22mm wide and 110mm long. The M.2 specifications provide different thicknesses – single-sided versions and dual-sided versions. MemxPro M.2 SATA (22110) series is able to deliver exceptional read/write speeds, making it ideal for use in heavy-loading and multi-tasking applications, or for new embedded motherboards in the next generation of computing platform upgrades.

- Compliant with M.2 (NGFF) standard of 22mm wide by 110mm long (22110).
- Ultra-thin design for single-sided versions and double capacity for dual-sided versions.
- SATA III interface running at up to 6Gb/s.
- SLC/StrongMLC/MLC versions in standard, extended, and industrial grade temperature ranges.
- Global wear leveling, bad block management with built-in ECC, and optional security features.
- SMARTPro device monitoring tool or SDK library support.

Unit: mm



Product Model	M.2SATA M3M (22110)
Interface	SATA III
Form Factor	M.2 SATA (22110/D2)
Flash Type	MLC eMMC
Max. Channel	4
Density	16GB~512GB
Sequential R/W (MB/sec, max.)	270/246
Operating Temperature	-25°C~+85°C/-40°C~+85°C
Max. Power Consumption	2.64W (3.3Vx800mA)
Dimensions (LxWxH/mm)	22x110x3.5
Operating Voltage	3.3V±5%
Storage Temperature	-55°C~+95°C
External DRAM Buffer	N/A
Thermal Sensor	✓
DEVSLP Mode	N/A
ATA Security	✓
S.M.A.R.T.	✓
TRIM	✓
Vibration	20G (7~2K Hz)
Shock Resistance	1500G@0.5ms
MTBF	>3 million hours

## MemxPro Inc.

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