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xSil 261B Hi-Speed USB to IDE Hard Drives or CompactFlash V3.0 Drives With AES Encryption Security Product Data Sheet

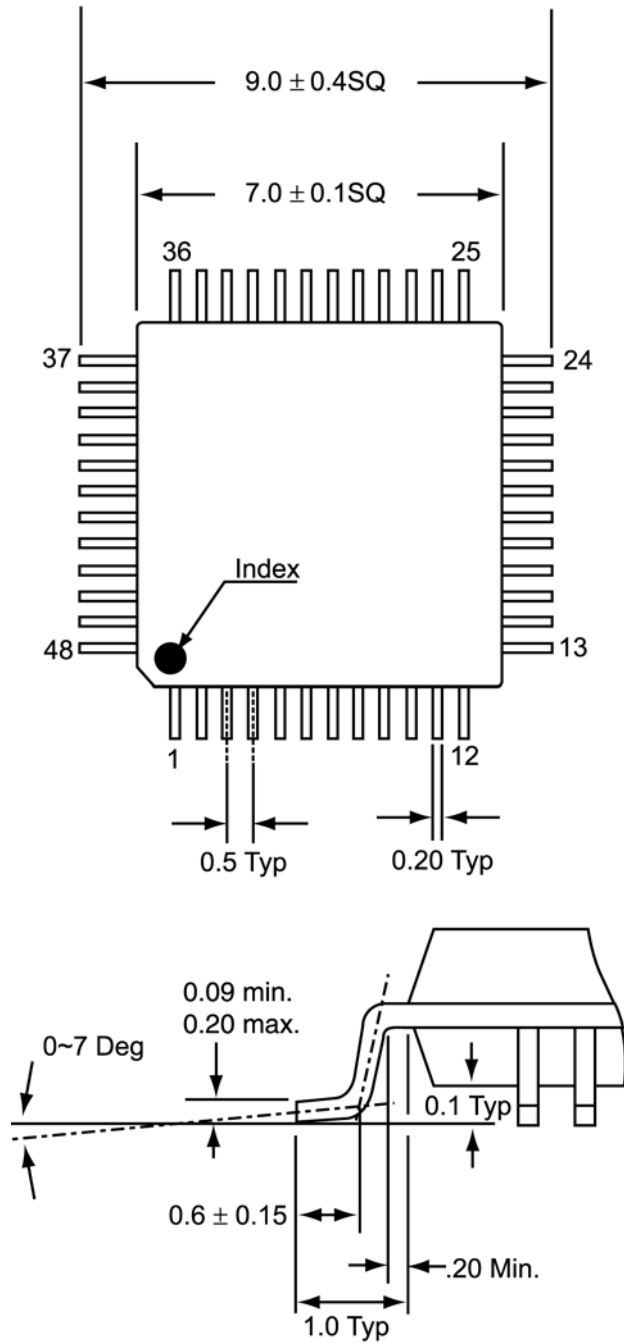
The xSil 261B is designed to connect an IDE with embedded AES encryption to USB has the following features:

- 48-pin 7mm x 7mm LQFP package
- Single chip with integrated USB 2.0 PHY
- Embedded AES encryption
- Serial EEPROM port
- UDMA Modes 0..4 supported
- MDMA Modes 0..2 supported
- PIO Modes 0..6 supported
- IDE interface
- Serial port
- Two General Purpose Timers
- Watchdog Timer
- 16 bit Processor
- Internal RAM for supporting enhancements
- ROM with BIOS and Application code.
- Programmable Read and Write widths
- PD-DRM support to report unique serial number
- Optimum hardware controlled transfer for speed and scalability

IDE Hard Disk Drives / Removable IDE Hard disk drives

- Supports UDMA Modes 0..4, MDMA Modes 0..2, PIO Modes 0..4
- Supports Hard drives of up to 2048GB (2TeraBytes)

Mechanical Dimensions (Preliminary)



All dimensions are in mm.

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Patents:

This product is covered by one or more of the following patents:

US Pat. 5784584, 5809336, 5841424, 6438638, 6598148, 6832281, 6859361, 6859369, 7095618

Taiwan Pat. I 222564

China Pat. CN 018152163

S. Korea Pat. KR 476817

Other Foreign & US Patents Pending

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