

# Delock SATA 6 Gb/s DOM Module 128 GB MLC SATA Pin 8 power -40 °C ~ 85 °C

## Description

This SATA DOM module by Delock is especially suitable for use in industrial PCs und Server.

The module has an extended temperature range of -40 °C ~ 85 °C and is designed for use in harsh operating conditions.

**Advantage:** No additional power supply is required as power is provided via the SATA pin 8 connector. To use this application, a motherboard with SATA pin 8 connector is needed. The SATA pin 8 connector on the motherboard is of yellow colour. If no SATA pin 8 connector is available, this module can also be used via the standard SATA connector. For this purpose, the power supply is provided via the 3 pin power connector.



128 GB

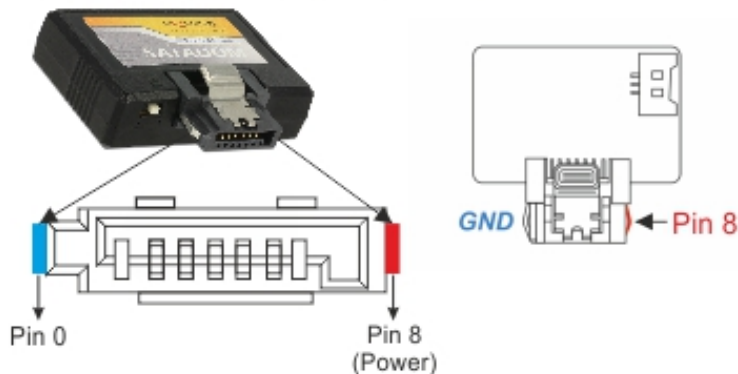
**Item no. 54781**

EAN: 4043619547814

Country of origin: Taiwan,  
Republic Of China

Package: Antistatic cover

## Schematic representation for SATA Pin 8



## Standard power supply



## Specification

- Capacity: 128 GB
- Interface: SATA 6 Gb/s
- Supports SATA pin 8 power
- Chip: Toshiba
- Flash type: MLC
- Maximum performance: 560 MB/s read, 180 MB/s write
- Maximum write cycles: 3000
- Maximum power consumption: 2.39 W (5 V x 478 mA)
- Write protect: yes
- ATA security: yes
- S.M.A.R.T.: yes
- Thermal sensor: yes
- Dimensions (width x length x height): 37.17 x 31.50 x 10.20 mm
- Vibration: 20G @ 7 ~ 2000 Hz
- Shock: 1500G @ 0.5 ms
- MTBF: >3 million hours
- Operation temperature: Industrial grade -40 °C ~ 85 °C
- Storage temperature: -55 °C ~ 95 °C

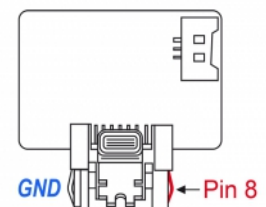
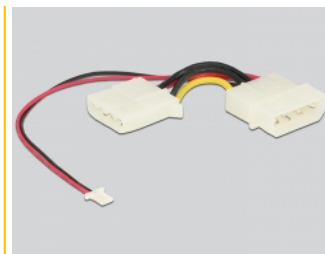
## System requirements

- A free SATA 8 pin or SATA 7 pin connector
- For SATA 7 pin: power supply with a free 4 pin power connection

## Package content

- SATA DOM module
- Power cable

## Images



## Technical characteristics

|                            |                    |
|----------------------------|--------------------|
| Chipset:                   | Toshiba            |
| Storage temperature:       | -55°C - 95°C       |
| Read:                      | 560 MB/s           |
| Maximum power consumption: | 2.39 W             |
| Maximum write cycles:      | 3000               |
| MTBF:                      | 3 million hours    |
| Interface:                 | SATA 6.0 Gb/s      |
| Shock:                     | 1500 G @ 0.5 ms    |
| Write:                     | 180 MB/s           |
| Write protect:             | yes                |
| Capacity:                  | 128 GB             |
| Thermal sensor:            | yes                |
| Vibration:                 | 20 G @ 7 ~ 2000 Hz |
| Password protection:       | Yes                |

## Physical characteristics

|         |          |
|---------|----------|
| Length: | 31.50 mm |
| Width:  | 37.17 mm |
| Height: | 10.20 mm |