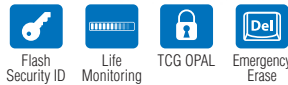


# SQF-S25 650

SATA III (6.0Gb) 2.5" SSD

## Features

- SATA 3.2 Compliant
- AES-256 Support & TCG-OPAL Compliant
- Support HW Write Protection
- Supports LDPC & RAID ECC
- GUI management tool & software API package
- Multiple Temperature Range Product Selection
- High Endurance sTLC Product Selection



## Specifications

Connect Type	Standard 7+15-pin SATA connector
Flash type	3D TLC
Capacity	64GB ~ 2TB
Transfer Mode	SATA III (Up to 6Gb/s)
Max. Power Consumption	Read: 1.5 W, Write: 1.75 W
Sustained R/W Performance (*)	up to 550/ 520 MB/sec
Operating Temperature	Commercial Temperature: 0 to +70 °C Minus Temperature: -20 to +85 °C Extended Temperature: -40 to +85 °C
Shock Resistance	1,500 G, peak / 0.5 ms
Vibration Resistance	20 G, peak / 80 ~ 2000 Hz
Dimensions (mm)	100.0 x 69.85 x 7.0

(\*) These values are for reference only; they may change according to the flash memory used.

## Ordering Information

PN	Description
SQF-S25V1-64GSDSDC	SQF 2.5" SSD 650-D 64G 3D TLC (BiCS5) (0-70°C)
SQF-S25V1-128GSDSDC	SQF 2.5" SSD 650-D 128G 3D TLC (BiCS5) (0-70°C)
SQF-S25V1-256GSDSDC	SQF 2.5" SSD 650-D 256G 3D TLC (BiCS5) (0-70°C)
SQF-S25V2-512GSDSDC	SQF 2.5" SSD 650-D 512G 3D TLC (BiCS5) (0-70°C)
SQF-S25V4-1TDSDC	SQF 2.5" SSD 650-D 1T 3D TLC (BiCS5) (0-70°C)
SQF-S25V4-2TDSDC	SQF 2.5" SSD 650-D 2T 3D TLC (BiCS5) (0-70°C)
SQF-S25V1-64GSDSDM	SQF 2.5" SSD 650-D 64G 3D TLC (BiCS5) (-20-85°C)
SQF-S25V1-128GSDSDM	SQF 2.5" SSD 650-D 128G 3D TLC (BiCS5) (-20-85°C)
SQF-S25V1-256GSDSDM	SQF 2.5" SSD 650-D 256G 3D TLC (BiCS5) (-20-85°C)
SQF-S25V2-512GSDSDM	SQF 2.5" SSD 650-D 512G 3D TLC (BiCS5) (-20-85°C)
SQF-S25V4-1TDSMD	SQF 2.5" SSD 650-D 1T 3D TLC (BiCS5) (-20-85°C)
SQF-S25V4-2TDSMD	SQF 2.5" SSD 650-D 2T 3D TLC (BiCS5) (-20-85°C)
SQF-S25V1-64GSDSDE	SQF 2.5" SSD 650-D 64G 3D TLC (BiCS5) (-40-85°C)
SQF-S25V1-128GSDSDE	SQF 2.5" SSD 650-D 128G 3D TLC (BiCS5) (-40-85°C)
SQF-S25V1-256GSDSDE	SQF 2.5" SSD 650-D 256G 3D TLC (BiCS5) (-40-85°C)
SQF-S25V2-512GSDSDE	SQF 2.5" SSD 650-D 512G 3D TLC (BiCS5) (-40-85°C)
SQF-S25V4-1TDSDE	SQF 2.5" SSD 650-D 1T 3D TLC (BiCS5) (-40-85°C)
SQF-S25V4-2TDSDE	SQF 2.5" SSD 650-D 2T 3D TLC (BiCS5) (-40-85°C)