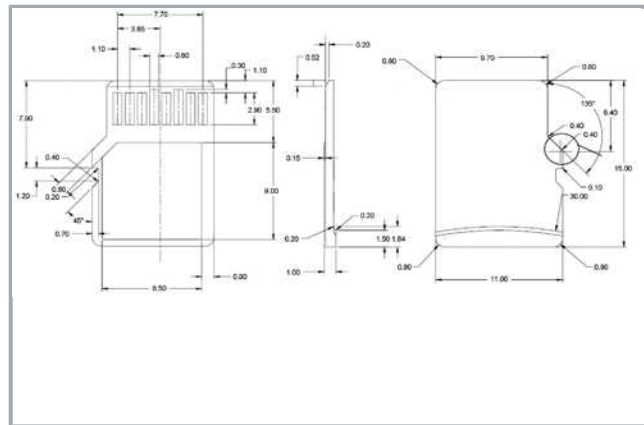




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Data sheet | Item number: 758-879/000-002

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The microSD memory card replaces traditional storage media and is used to store customer data and boot projects, or to transport this data between devices.

Thanks to its extended temperature range, the memory card can also be used in applications up to 60 °C. The SLC flash technology used for this card and the wear leveling flash management process employed enhance the reliability and service life of the memory card – a vital requirement for use in industrial applications.

This memory card is compatible with the SD standard, enabling it to be used in any data processing system equipped with a microSD slot.

The industrial memory card has the following system features:

- Storage capacity: 1 GB
- Single-Level Cell (SLC) NAND flash memory for enhanced service life and reliability
- Compatible to the SDA Physical Layer Specification, Version 2.0
- Based on System-in-Package (SiP) technology
- Error correction function: 28 bits/1 KB
- Statistical & dynamic wear leveling for enhancing reliability and availability
- Supports CPRM (Content Protection for Recordable Media)

Data

Technical Data

Baud rate	-
Memory	1 GB
Write/Read cycles max.	18 MB/s / 16 MB/s
MTBF	5,000,000 hrs.
Service life	2,000,000 program/operating cycles

Geometrical Data

Width	15 mm
Height	11 mm
Depth	1 mm

Material Data

Weight	10 g
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Environmental Requirements

Surrounding air (operating) temperature	-40 ... 85 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Relative air humidity (no condensation)	95 %

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

This item has been discontinued and as of 14.01.2020, can no longer be delivered.



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Vibration resistance	15g
Shock resistance	1000 g

Commercial data

Product Group	27 (Special components I/O)
Packaging type	BOX
Country of origin	TW
GTIN	4050821045021
Customs Tariff No.	85235110000

Counterpart

Downloads

Documentation

Bid Text

758-879/000-002 GAEB X81 - Datei	Feb 19, 2019	xml 4.4 kB	Download
758-879/000-002 GAEB docx - Datei	Nov 27, 2018	docx 17.5 kB	Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 758-879/000-002	URL	Download
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Installation Notes

Subject to changes. Please also observe the further product documentation!

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