

MOBY E MOBILE DATA MEMORY MDS E611, EPOXY CARD, 752
BYTE EEPROM, IP 67, -25 TO +70 DEGR/C, 85 X 54 X 2.5 MM



Wireless frequencies

Operating frequency / Rated value	13.56 MHz
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Electrical data

Range / maximum	100 mm
Transfer rate / with radio transmission / maximum	106 kbit/s
Product feature / multitag-capable	No
Product component / Backup battery	No

Memory

Type of memory	EEPROM
Storage capacity / of the user memory	752 byte
Number of read cycles / at ambient temperature < 40 °C / maximum	1000000000000000
Number of write cycles / at ambient temperature < 40 °C / maximum	1000000
Data retention time / at ambient temperature < 40 °C / not less than	10 y

Mechanical data

Material	Epoxy resin
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Color	anthracite
Mounting distance / relating to metal surfaces / recommended / minimum	20 mm

Permitted ambient conditions

Ambient temperature	
• during read/write access	-25 ... +70 °C
• outside the read/write area	-40 ... +85 °C
• during storage	-40 ... +85 °C
Protection class IP	IP67
Shock acceleration	1000 m/s ²
Vibrational acceleration	200 m/s ²
Resistance to mechanical stress	Torsion and bending stress not permissible

Design, dimensions and weight

Width	54 mm
Height	2.5 mm
Depth	86 mm
Net weight	21 g
Mounting type	Gluing, mounting bag (see accessories)

Product properties, functions, components / general

Product feature	
• silicon-free	Yes
• printable	No

Standards, specifications, approvals

MTBF	285 y
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Accessories

accessories	Fixing strap, holder, spacer
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Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	https://support.industry.siemens.com/cs/ww/en/view/67384964
• to website: Industrial communication	http://www.siemens.com/ident/rfid
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAX Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
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