

har-modular M1flat-module female str.



Part number	02 52 901 0451
Specification	har-modular M1flat-module female str.
HARTING eCatalogue	https://b2b.harting.com/02529010451

Image is for illustration purposes only. Please refer to product description.

Identification

Category	Connectors
Series	har-modular [®]
Identification	M1 module flat
Element	Female connector
Description of the contact	Straight
Version	
Width of the module	10.16 mm
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	1
Details	Please order contacts separately.
Details Technical characteristics	Please order contacts separately.
	Please order contacts separately. 4 mm in the module 2 mm to module edge
Technical characteristics	4 mm in the module
Technical characteristics Clearance distance	4 mm in the module 2 mm to module edge 4 mm in the module
Technical characteristics Clearance distance Creepage distance	4 mm in the module 2 mm to module edge 4 mm in the module 2 mm to module edge
Technical characteristics Clearance distance Creepage distance Insulation resistance	4 mm in the module 2 mm to module edge 4 mm in the module 2 mm to module edge > 10^{11} Ω
Technical characteristics Clearance distance Creepage distance Insulation resistance Limiting temperature	$\begin{array}{l} 4 \text{ mm in the module} \\ 2 \text{ mm to module edge} \\ 4 \text{ mm in the module} \\ 2 \text{ mm to module edge} \\ > 10^{11} \Omega \\ -55 \dots + 125 \ ^{\circ}\text{C} \end{array}$
Technical characteristics Clearance distance Creepage distance Insulation resistance Limiting temperature Insertion and withdrawal force	4 mm in the module 2 mm to module edge 4 mm in the module 2 mm to module edge >10 ¹¹ Ω -55 +125 °C ≤10 N

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Technical characteristics

Isolation group	l (600 ≤ CTI)
Hot plugging	No
Moisture Sensitivity Level (MSL)	1 acc. to ECA/IPC/JEDEC J-STD-020D
Material properties	
Material (insert)	Polyamide (PA)
Colour (insert)	Black
Material flammability class acc. to UL 94	V-0
Specifications and approvals Railway classification	F1/I2 acc. to NFF 16-101/102
Commercial data	
Packaging size	20
Net weight	1.14 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)

Mating conditions



To ensure reliable connections and prevent unnecessary damage, please refer to the application data diagrams. These recommendations are set out in IEC 60603-2.

The connectors should not be coupled and decoupled under electrical load.

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