

har-modular M1-flat module male str.



Part number	02 53 901 0451
Specification	har-modular M1-flat module male str.
HARTING eCatalogue	https://b2b.harting.com/02539010451

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

Identification

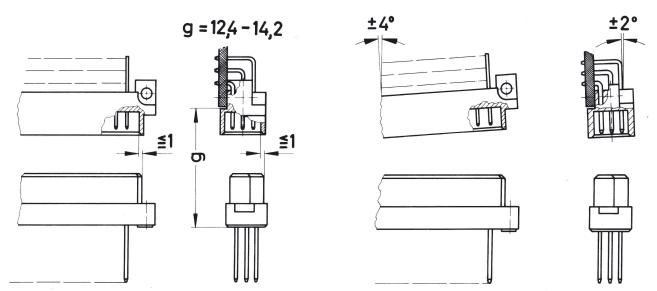
Category	Connectors
Series	har-modular [®]
Identification	M1 module flat
Element	Male connector
Description of the contact	Straight
Version	
Width of the module	10.16 mm
Connection type	Mezzanine
Number of contacts	1
Details	Please order contacts separately.
Technical characteristics	
Technical characteristics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

Page 1 / 2 | Creation date 2021-08-12 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics	
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	0.9 g
Country of origin	Romania
European customs tariff number	85389099
eCl@ss	27460201 PCB connector (board connector)
Net weight Country of origin	0.9 g Romania
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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