

har-modular M1-module female straight



-	
Part number	02 52 901 0401
Specification	har-modular M1-module female straight
HARTING eCatalogue	https://b2b.harting.com/02529010401

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

Identification Connectors Category Series har-modular® Identification M1 module Element Female connector Description of the contact Straight Version Width of the module 10.16 mm Motherboard to daughtercard Connection type Mezzanine Number of contacts 1 Details Please order contacts separately. Technical characteristics 4 mm in the module Clearance distance 2 mm to module edge 4 mm in the module Creepage distance 2 mm to module edge Insulation resistance >10¹¹ Ω Limiting temperature -55 ... +125 °C Insertion and withdrawal force ≤10 N Mating cycles ≥500 Test voltage U_{r.m.s.} 1.55 kV Isolation group $I(600 \leq CTI)$

Page 1/3 | Creation date 2023-01-05 | 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

Llat	nlugging	
пυι	plugging	

1 acc. to ECA/IPC/JEDEC J-STD-020D

No

Material properties

Material	Polyamide (PA)
Colour	Black
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Railway classification	F1/I2 acc. to NFF 16-101/102
Commercial data	
Packaging size	20
Net weight	1.17 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140197817
eCl@ss	27460201 PCB connector (board connector)

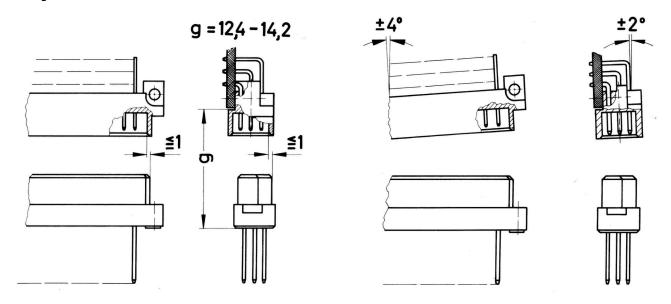
Page 2 / 3 | Creation date 2023-01-05 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity 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

Product data sheet 02 52 901 0401 har-modular M1-module female straight



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.

Page 3 / 3 | Creation date 2023-01-05 | 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