

har-modular M1-module female straight



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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 $I(600 \leq CTI)$

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Technical characteristics

Lat	nlur	ging
HOL	piuc	quiry

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

No

Material properties

Material F	Polyamide (PA)
Colour	Black
Material flammability class acc. to UL 94	<i>V</i> -0
RoHS c	compliant
ELV status c	compliant
China RoHS e	
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances N	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)
REACH Annex XVII substances N REACH ANNEX XIV substances N REACH SVHC substances N California Proposition 65 substances N Fire protection on railway vehicles E Requirement set with Hazard Levels F	Not contained Not contained Not contained EN 45545-2 (2020-08) R22 (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
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

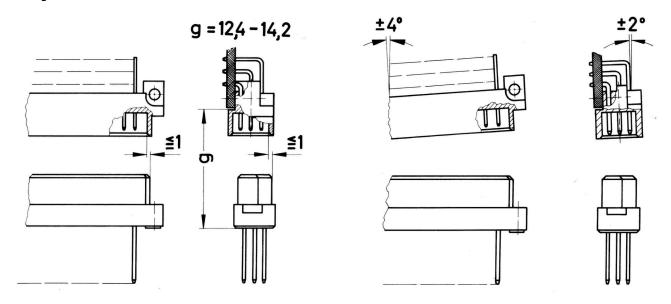
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Mating conditions



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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