

har-modular M1 module male str. w.guide



| • | |
|--------------------|--------------------------------------------|
| Part number | 02 53 901 0401 |
| Specification | har-modular M1 module male str. w.guide |
| HARTING eCatalogue | https://b2b.harting.com/02539010401 |

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

Identification Category Connectors Series har-modular® Identification M1 module Element Male connector Description of the contact Straight Version 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 >10¹¹ Ω Insulation resistance -55 ... +125 °C Limiting temperature Insertion and withdrawal force ≤10 N Mating cycles ≥500 Test voltage U_{r.m.s.} 1.55 kV

Page 1/3 | Creation date 2023-05-27 | 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

I (600 ≤ CTI)

Isolation group

| Width of the module | 10.16 mm |
|---------------------|----------------------------------|
| Connection type | Mezzanine |
| Number of contacts | 1 |
| Details | Please order contacts separately |

Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics

| Lint | nlugging | |
|------|----------|--|
| HOL | plugging | |

| Moisture Sensitivity Level | (MSL) |
|----------------------------|-------|
| | |

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 | 0.9 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140197732 |
| eCl@ss | 27460201 PCB connector (board connector) |

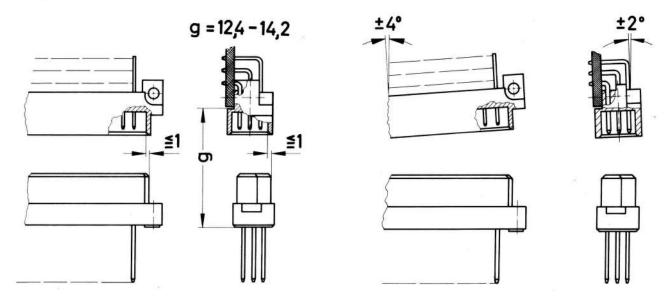
Page 2 / 3 | Creation date 2023-05-27 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany

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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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