

har-modular M1-module female straight



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

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

Identification

| Category | Connectors |
|----------------------------|--------------------------|
| Series | har-modular [®] |
| Identification | M1 module |
| 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. |

Technical characteristics

| Clearance distance | 4 mm in the module 2 mm to module edge |
|----------------------------------|---|
| Creepage distance | 4 mm in the module 2 mm to module edge |
| Insulation resistance | >10 ¹¹ Ω |
| Limiting temperature | -55 +125 °C |
| Insertion force | ≤10 N |
| Withdrawal force | ≤10 N |
| Mating cycles | ≥500 |
| Test voltage U _{r.m.s.} | 1.55 kV |

Page 1 / 3 | Creation date 2025-10-01 | 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.

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Technical characteristics

| Isolation group | I (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 |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | е |
| 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 | R26 |

Specifications and approvals

| UL / CSA | UL 1977 ECBT2.E102079 |
|------------------------|-----------------------------------|
| 527 6671 | CSA-C22.2 No. 182.3 ECBT8.E102079 |
| Railway classification | F1/I2 acc. to NFF 16-101/102 |

Commercial data

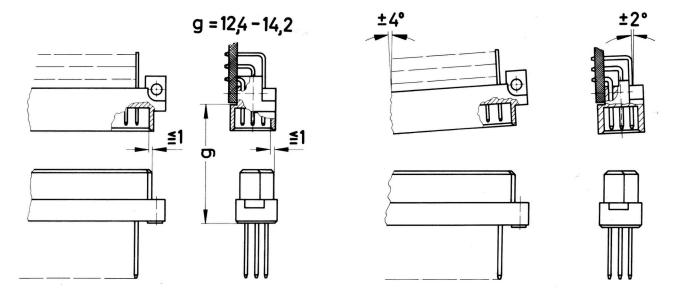
| Packaging size | 20 |
|--------------------------------|--|
| Net weight | 1.17 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140197817 |
| eCl@ss | 27460201 PCB connector (board connector) |
| ETIM | EC002637 |
| UNSPSC 24.0 | 39121415 |

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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.