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# har-modular F4 module female crimp



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

| | |
|---|---|
| Part number | 02 54 904 0201 |
| Specification | har-modular F4 module female crimp |
| HARTING eCatalogue | https://harting.com/02549040201 |

## Identification

| | |
|---|---|
| Category | Connectors |
| Series | har-modular® |
| Identification | F4 module |
| Element | Cable connector |
| Specification | Female connector |
| Description of the contact | Straight |

## Version

| | |
|---|---|
| Width of the module | 10.16 mm |
| Termination method | Crimp termination |
| Connection type | PCB to cable |
| Number of contacts | 4 |
| Details | Please order crimp contacts separately. |

## Technical characteristics

| | |
|---|---|
| Clearance distance | 3 mm in the module<br>1.6 mm to module edge<br>3 mm to touchable surface |
| Creepage distance | 3 mm in the module<br>1.6 mm to module edge<br>3.2 mm to touchable surface |
| Insulation resistance | $>10^{11}$ Ω |
| Limiting temperature | -55 ... +125 °C |
| Mating cycles | ≥500 |


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## Technical characteristics

| | |
|---|---|
| Degree of protection acc. to IEC 60529 | IP20 |
| Test voltage $U_{r.m.s.}$ | 1.55 kV (contact-contact)<br>2.21 kV (Contact - accessible surfaces of cable connector) acc. to IEC 61984 |
| Isolation group | I (600 ≤ CTI) |
| Hot plugging | No |

## 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 | 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) + A1 (2023-10) |
| Requirement set with Hazard Levels | R22 (HL 1-3)<br>R23 (HL 1-3) |

## Specifications and approvals

| | |
|---|---|
| Railway classification | F1/I2 acc. to NFF 16-101/102 |

## Commercial data

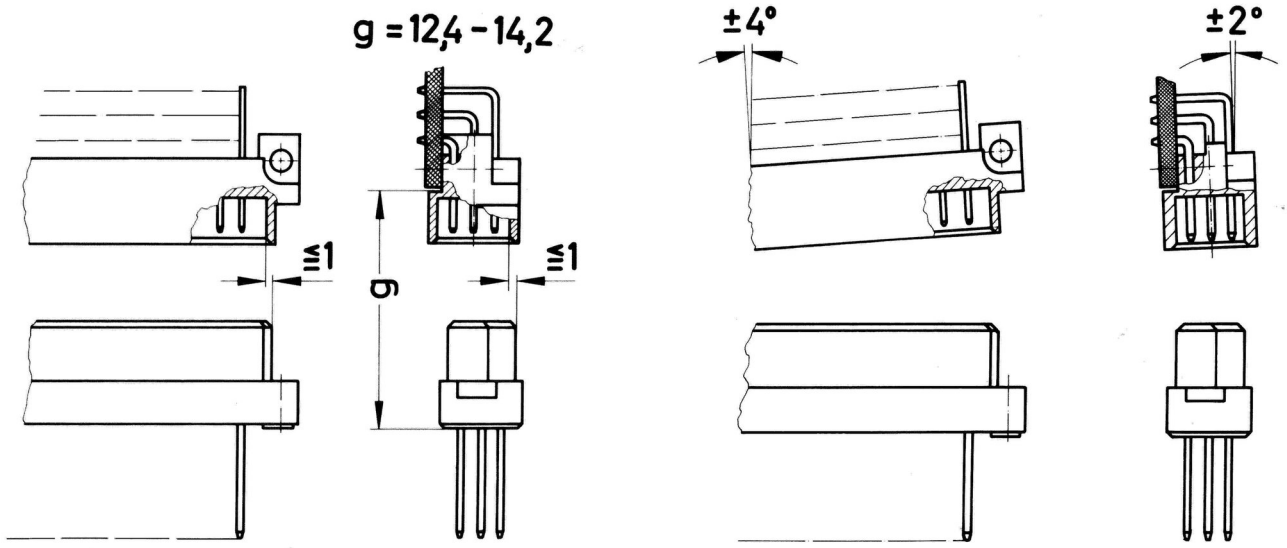
| | |
|---|---|
| Packaging size | 40 |
| Net weight | 2.57 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140442634 |
| eCl@ss | 27460201 PCB connector (board connector) |
| UNSPSC 24.0 | 39121415 |


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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.


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