

## har-modular M1 module male str. w.guide



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

Width of the module	10.16 mm
Connection type	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 <sup>11</sup> Ω
Limiting temperature	-55 ... +125 °C
Insertion force	≤10 N
Withdrawal force	≤10 N
Mating cycles	≥500
Test voltage U <sub>r.m.s.</sub>	1.55 kV

## 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	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	R26

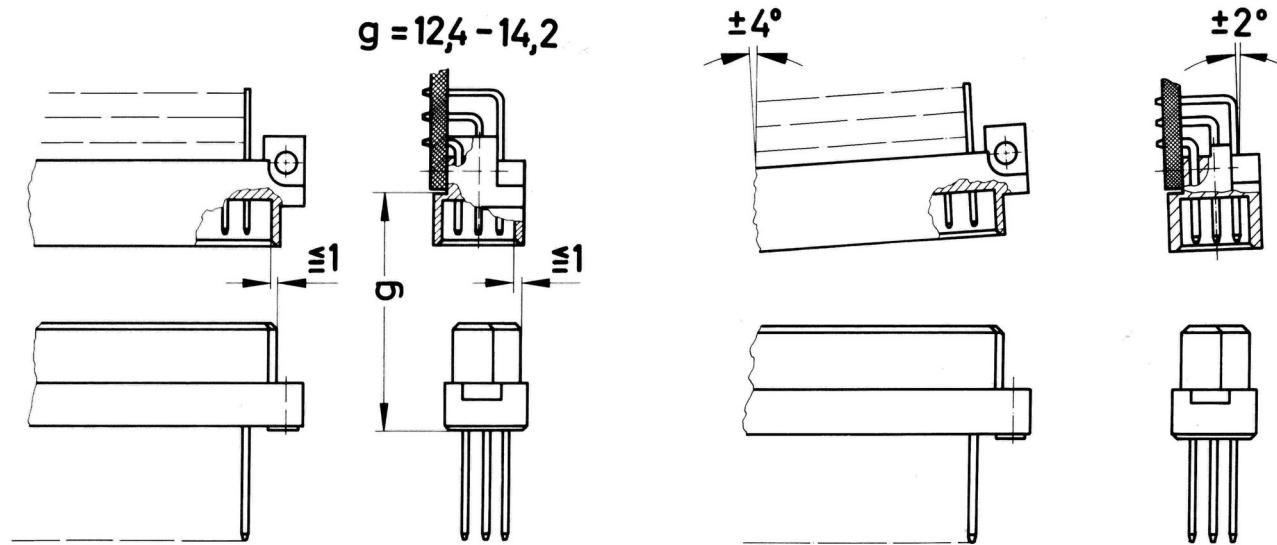
## Specifications and approvals

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)
ETIM	EC002637
UNSPSC 24.0	39121415

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.