

# har-modular P module male angled



Part number	02 51 900 0002
Specification	har-modular P module male angled
HARTING eCatalogue	https://b2b.harting.com/02519000002

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

### Identification

Category	Connectors
Series	har-modular <sup>®</sup>
Identification	P module P spacer
Element	Male connector
Description of the contact	Angled
Version	
Width of the module	5.08 mm
Connection type	Motherboard to daughtercard
Technical characteristics	
Insulation resistance	>10 <sup>11</sup> Ω
	>10 <sup>11</sup> Ω -55 +125 °C
Insulation resistance	

Hot plugging	No
Moisture Sensitivity Level (MSL)	1 acc. to ECA/IPC/JEDEC J-STD-020D

### Material properties

Material	Polyamide (PA)
Colour	Black
Material flammability class acc. to UL 94	V-0

Page 1 / 3 | Creation date 2023-08-29 | 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 Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



### Material properties

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

ETIM

eCl@ss

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	0.73 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140197695

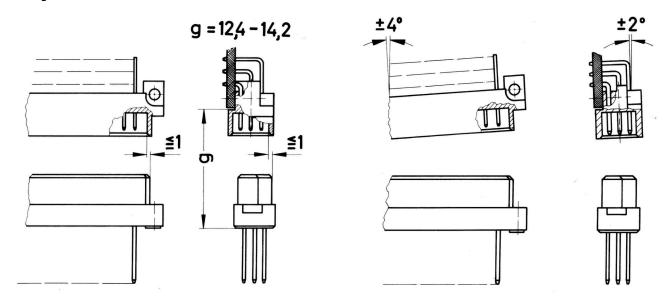
27460201 PCB connector (board connector)

EC002637

Page 2 / 3 | Creation date 2023-08-29 | 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 Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com Product data sheet 02 51 900 0002 har-modular P module male angled



#### 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.

Page 3 / 3 | Creation date 2023-08-29 | 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 Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com