



Pushing Performance
Since 1945

har-modular P module male angled



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

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

Identification

Category	Connectors
Series	har-modular®
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	$>10^{11} \Omega$
Limiting temperature	-55 ... +125 °C
Mating cycles	≥ 500
Isolation group	I ($600 \leq CTI$)
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



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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) + A1 (2023-10)
Requirement set with Hazard Levels	R26

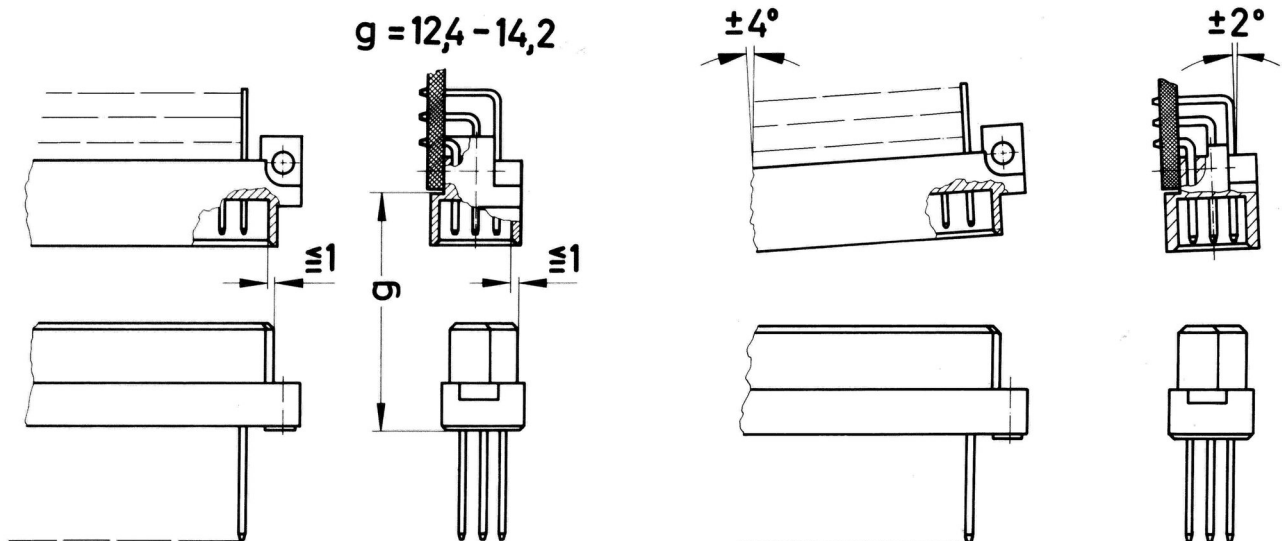
Specifications and approvals

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