

## har-modular P module female str. clip



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 02 52 900 0002                                                                |
| Specification      | har-modular P module female str. clip                                         |
| HARTING eCatalogue | <a href="https://harting.com/02529000002">https://harting.com/02529000002</a> |

### Identification

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

### Version

|                     |                                          |
|---------------------|------------------------------------------|
| Width of the module | 5.08 mm                                  |
| Connection type     | Motherboard to daughtercard<br>Mezzanine |
| PCB fixing          | With snap-in clip                        |

### Technical characteristics

|                                  |                                    |
|----------------------------------|------------------------------------|
| Insulation resistance            | $>10^{11} \Omega$                  |
| Limiting temperature             | -55 ... +125 °C                    |
| Mating cycles                    | $\geq 500$                         |
| 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          |



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## Material properties

|                                           |                      |
|-------------------------------------------|----------------------|
| 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<br>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                     | 0.8 g                                    |
| Country of origin              | Romania                                  |
| European customs tariff number | 85366990                                 |
| GTIN                           | 5713140197848                            |
| ETIM                           | EC002637                                 |
| eCl@ss                         | 27460201 PCB connector (board connector) |

## 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.