

## M12-PCB-THR-4P-ACOD-ACOD-F-STR



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

|                    |   |
|--------------------|---|
| Part number        | 21 03 321 2536  |
| Specification      | M12-PCB-THR-4P-ACOD-ACOD-F-STR  |
| HARTING eCatalogue | <a href="https://harting.com/21033212536">https://harting.com/21033212536</a> |

### Identification

|                |   |
|----------------|---|
| Category       | Connectors                                      |
| Series         | Circular connectors M12                         |
| Identification | PushPull  |
| Element        | PCB adapter                                     |
| Specification  | Straight<br>incl. housing<br>for front mounting |

### Version

|                    |                                    |
|--------------------|------------------------------------|
| Termination method | Reflow soldering termination (THR) |
| Gender             | Female                             |
| Shielding          | Shielded                           |
| Number of contacts | 4                                  |
| Coding             | A-coding                           |
| Locking type       | Screw locking<br>Inner PushPull    |

### Technical characteristics

|                       |                    |
|-----------------------|--------------------|
| Rated current         | 4 A                |
| Rated voltage         | 48 V AC<br>60 V DC |
| Rated impulse voltage | 1.5 kV             |
| Pollution degree      | 3                  |
| Overvoltage category  | III                |

## Technical characteristics

|  |                             |
|--|-----------------------------|
| Insulation resistance                  | >10 <sup>8</sup> Ω          |
| Contact resistance                     | ≤10 mΩ                      |
| Tightening torque                      | 2 Nm Lock nut               |
| Limiting temperature                   | -40 ... +85 °C              |
| Mating cycles                          | ≥100                        |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Isolation group                        | I (600 ≤ CTI)               |

## Material properties

|   |                              |
|---|------------------------------|
| Material (insert)                         | Liquid crystal polymer (LCP) |
| Material (contacts)                       | Copper alloy                 |
| Surface (contacts)                        | Au over Ni Mating side       |
| Material (hood/housing)                   | Zinc die-cast                |
| 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                |

## Specifications and approvals

|                |                                    |
|----------------|------------------------------------|
| Specifications | IEC 61076-2-101<br>IEC 61076-2-010 |
|----------------|------------------------------------|

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 1  |
| Country of origin              | Romania                                  |
| European customs tariff number | 85366990                                 |
| GTIN                           | 5713140228092                            |
| eCl@ss                         | 27460201 PCB connector (board connector) |
| ETIM                           | EC002637                                 |

Commercial data

UNSPSC 24.0

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