

## M12-PCB-THT-2PC-5P-ACOD-F-ANG-SHLD



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

|                    |   |
|--------------------|---|
| Part number        | 21 03 321 4501  |
| Specification      | M12-PCB-THT-2PC-5P-ACOD-F-ANG-SHLD  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21033214501">https://b2b.harting.com/21033214501</a> |

### Identification

|               |                             |
|---------------|-----------------------------|
| Category      | Connectors                  |
| Series        | Circular connectors M12     |
| Element       | PCB adapter                 |
| Specification | Angled<br>for rear mounting |

### Version

|                    |                            |
|--------------------|----------------------------|
| Termination method | Wave soldering termination |
| Gender             | Female                     |
| Shielding          | Shielded                   |
| Number of contacts | 5                          |
| Coding             | A-coding                   |
| Locking type       | Screw locking              |

### Technical characteristics

|                       |                |
|-----------------------|----------------|
| Rated current         | 4 A            |
| Rated voltage         | 60 V           |
| Pollution degree      | 3              |
| Insulation resistance | $>10^8 \Omega$ |
| Tightening torque     | 1 Nm Lock nut  |
| Ambient temperature   | -40 ... +85 °C |
| Mating cycles         | $\geq 100$     |



Pushing Performance

## Technical characteristics

Degree of protection acc. to IEC 60529 IP67 mated condition

## Material properties

|   |  |
|---|--|
| Material (insert)                         | Polyamide (PA)   |
| Material (contacts)                       | Copper alloy   |
| Surface (contacts)                        | Au over Ni Mating side                                 |
| Material (hood/housing)                   | Copper-zinc alloy                                      |
| Material flammability class acc. to UL 94 | V-0  |
| RoHS                                      | compliant with exemption                               |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                                | compliant with exemption                               |
| China RoHS                                | 50   |
| REACH Annex XVII substances               | Not contained  |
| REACH ANNEX XIV substances                | Not contained  |
| REACH SVHC substances                     | Yes  |
| REACH SVHC substances                     | Lead   |
| ECHA SCIP number                          | 0d7d3693-d625-47ab-934a-d241bf72c86e                   |
| California Proposition 65 substances      | Yes  |
| California Proposition 65 substances      | Lead   |

## Specifications and approvals

|                |                 |
|----------------|-----------------|
| Specifications | IEC 61076-2-101 |
|----------------|-----------------|

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 10                                       |
| Net weight                     | 13.89 g                                  |
| Country of origin              | Czechia                                  |
| European customs tariff number | 85366990                                 |
| eCl@ss                         | 27460201 PCB connector (board connector) |

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