

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



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 21 03 321 3501                                                                |
| Specification      | M12-PCB-THT-2PC-5P-ACOD-M-ANG-SHLD                                            |
| HARTING eCatalogue | <a href="https://harting.com/21033213501">https://harting.com/21033213501</a> |

## Identification

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

## Version

|                    |                            |
|--------------------|----------------------------|
| Termination method | Wave soldering termination |
| Gender             | Male                       |
| 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  |
| Limiting temperature  | -40 ... +85 °C |
| Mating cycles         | $\geq 100$     |



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## 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<br>Nickel                                         |

## Specifications and approvals

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

## Commercial data

|                                |                                          |
|--------------------------------|------------------------------------------|
| Packaging size                 | 10                                       |
| Net weight                     | 14 g                                     |
| Country of origin              | Slovakia                                 |
| European customs tariff number | 85366990                                 |
| GTIN                           | 5713140229037                            |
| eCl@ss                         | 27460201 PCB connector (board connector) |
| ETIM                           | EC002637                                 |
| UNSPSC 24.0                    | 39121415                                 |