

## M8-PCB-THT-2PC-4P-DCOD-F-ANG-SHLD

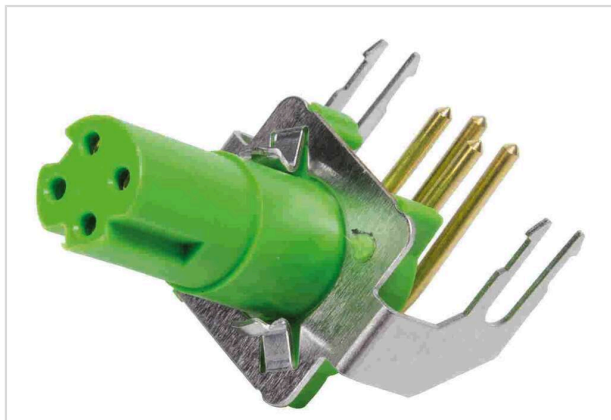


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 21 42 010 0003 401  |
| Specification      | M8-PCB-THT-2PC-4P-DCOD-F-ANG-SHLD   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21420100003401">https://b2b.harting.com/21420100003401</a> |

### Identification

|               |                        |
|---------------|------------------------|
| Category      | Connectors             |
| Series        | Circular connectors M8 |
| Element       | PCB connector          |
| Specification | Angled                 |

### Version

|                    |                            |
|--------------------|----------------------------|
| Termination method | Wave soldering termination |
| Gender             | Female                     |
| Shielding          | Shielded                   |
| Number of contacts | 4                          |
| Coding             | D-coding                   |
| Details            | Order housings separately  |

### Technical characteristics

|                              |                              |
|------------------------------|------------------------------|
| Rated current                | 4 A                          |
| Rated voltage                | 60 V                         |
| Rated impulse voltage        | 1.5 kV                       |
| Pollution degree             | 3                            |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Data rate                    | 10 Mbit/s<br>100 Mbit/s      |
| Insulation resistance        | $>10^8 \Omega$               |
| Contact resistance           | $\leq 10 \text{ m}\Omega$    |



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## Technical characteristics

|                      |                |
|----------------------|----------------|
| Limiting temperature | -40 ... +85 °C |
| Mating cycles        | ≥100           |

## Material properties

|                                      |  |
|--------------------------------------|--|
| Material (contacts)                  | Copper alloy   |
| Surface (contacts)                   | Au over Ni Mating side                                 |
| 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   |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08)                                   |
| Requirement set with Hazard Levels   | R26  |

## Specifications and approvals

|                |                 |
|----------------|-----------------|
| Specifications | IEC 61076-2-114 |
|----------------|-----------------|

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 1  |
| Net weight                     | 3 g                                      |
| Country of origin              | Germany                                  |
| European customs tariff number | 85366990                                 |
| GTIN                           | 5713140224964                            |
| ETIM                           | EC002637                                 |
| eCl@ss                         | 27460201 PCB connector (board connector) |