

M12-PCB-SMT-2PC-8P-ACOD-F-STR



| Part number | 21 03 311 2810 |
|--------------------|-------------------------------------|
| Specification | M12-PCB-SMT-2PC-8P-ACOD-F-STR |
| HARTING eCatalogue | https://b2b.harting.com/21033112810 |

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

Identification

| Category | Connectors |
|---------------|-------------------------|
| Series | Circular connectors M12 |
| Element | PCB adapter |
| Specification | Straight |

Version

| Termination method | Reflow soldering termination (SMT) |
|--------------------|------------------------------------|
| Gender | Female |
| Shielding | Unshielded |
| Number of contacts | 8 |
| Coding | A-coding |
| Details | Order housings separately |

Technical characteristics

| Rated current | 2 A |
|-----------------------|--------------------|
| Rated voltage | 30 V |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulation resistance | >10 ⁸ Ω |
| Contact resistance | ≤10 mΩ |
| Limiting temperature | -40 +85 °C |
| Mating cycles | ≥100 |

Page 1 / 2 | Creation date 2023-03-15 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics

| 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 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 |
| · | Nickel |
| Specifications and approvals | |
| | |
| Specifications | IEC 61076-2-101 |
| Commercial data | |
| | |

| Packaging size | 25 |
|--------------------------------|--|
| Net weight | 2.346 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140228740 |
| eCl@ss | 27460201 PCB connector (board connector) |

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