

Han M12 Crimp D-coded female



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

Identification

| | |
|----------|--------------|
| Category | Inserts |
| Series | Han-Modular® |

Version

| | |
|--------------------|---|
| Termination method | Crimp termination |
| Gender | Female |
| Number of contacts | 4 |
| further contacts | + shielding |
| Coding | D-coding |
| Details | Please order crimp contacts separately. |

Technical characteristics

| | |
|------------------------------|-------------------------------|
| Conductor cross-section | 0.13 ... 0.82 mm ² |
| Conductor cross-section | AWG 26 ... AWG 18 |
| Wire outer diameter | ≤2.3 mm |
| Rated current | 4 A |
| Rated voltage | 32 V |
| Rated impulse voltage | 0.8 kV |
| Pollution degree | 3 |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Data rate | 10 Mbit/s 100 Mbit/s |
| Insulation resistance | >10 ⁸ Ω |

Technical characteristics

| | |
|-------------------------------|----------------|
| Contact resistance | ≤10 mΩ |
| Contact resistance, shielding | ≤100 mΩ |
| Tightening torque | 0.6 Nm |
| Wrench size | 12 13 |
| Limiting temperature | -40 ... +85 °C |
| Mating cycles | ≥500 |

Material properties

| | |
|---|------------------------------|
| Material (insert) | Liquid crystal polymer (LCP) |
| Material (shielding) | Copper alloy, nickel plated |
| 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 | EN 60664-1 IEC 61984 |
|----------------|-------------------------|

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 1 |
| Net weight | 16 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| eCl@ss | 27440205 Contact insert for industrial connectors |