

## D SUB FE STAMPED SOLDER CUP 50 PL3



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

|                    |   |
|--------------------|---|
| Part number        | 09 67 250 4704  |
| Specification      | D SUB FE STAMPED SOLDER CUP 50 PL3  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09672504704">https://b2b.harting.com/09672504704</a> |

### Version

|                    |   |
|--------------------|---|
| Termination method | Solder cup termination                        |
| Gender             | Female  |
| Size               | D-Sub 5                                       |
| Connection type    | PCB to cable<br>Cable to cable                |
| Number of contacts | 50  |
| Locking type       | Fixing flange with feed through hole Ø 3.1 mm |

### Technical characteristics

|                         |                     |
|-------------------------|---------------------|
| Conductor cross-section | 0.5 mm <sup>2</sup> |
| Conductor cross-section | AWG 20              |
| Rated current           | 6.5 A               |
| Clearance distance      | ≥1 mm               |
| Creepage distance       | ≥1 mm               |
| Insulation resistance   | >10 <sup>10</sup> Ω |
| Contact resistance      | ≤10 mΩ              |
| Stripping length        | 2.5 ... 3 mm        |
| Limiting temperature    | -40 ... +85 °C      |
| Insertion force         | ≤167 N              |
| Withdrawal force        | ≥14.5 N<br>≤111 N   |
| Performance level       | 3                   |
| Mating cycles           | ≥50                 |



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## Technical characteristics

|                           |      |
|---------------------------|------|
| Test voltage $U_{r.m.s.}$ | 1 kV |
| Hot plugging              | No   |

## Material properties

|   |   |
|---|---|
| Material (insert)                         | Thermoplastic resin, glass-fibre filled (PBTP)<br>Shell: Plated steel |
| Colour (insert)                           | Grey  |
| Material (contacts)                       | Copper alloy  |
| Surface (contacts)                        | Noble metal over Ni   |
| 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 | DIN 41652             |
| UL / CSA       | UL 1977 ECBT2.E102079 |

## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 50                     |
| Net weight                     | 17.62 g                |
| Country of origin              | China                  |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140094093          |
| eCl@ss                         | 27440214 D-Sub coupler |