

## D SUB MIXED FE 20 A S POWER CONTACT PL3



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

|                    |   |
|--------------------|---|
| Part number        | 09 69 181 7421  |
| Specification      | D SUB MIXED FE 20 A S POWER CONTACT PL3   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09691817421">https://b2b.harting.com/09691817421</a> |

### Identification

|                            |                |
|----------------------------|----------------|
| Category                   | Contacts       |
| Series                     | D-Sub          |
| Identification             | Mixed          |
| Type of contact            | Solder contact |
| Description of the contact | Straight       |

### Version

|                       |                    |
|-----------------------|--------------------|
| Termination method    | Solder termination |
| Gender                | Female             |
| Manufacturing process | Turned contacts    |

### Technical characteristics

|                         |                           |
|-------------------------|---------------------------|
| Conductor cross-section | 2.5 ... 4 mm <sup>2</sup> |
| Conductor cross-section | AWG 14 ... AWG 12         |
| Rated current           | ≤20 A                     |
| Contact resistance      | ≤1 mΩ                     |
| Stripping length        | 7.5 mm                    |
| Limiting temperature    | -55 ... +155 °C           |
| Insertion force         | ≤7 N                      |
| Withdrawal force        | ≈5 N                      |
| Performance level       | 3                         |
| Mating cycles           | ≥50                       |



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## Material properties

|                                      |  |
|--------------------------------------|--|
| Material (contacts)                  | Copper alloy   |
| Surface (contacts)                   | Noble metal over Ni Mating side<br>Sn over Ni Termination side |
| Material (locking)                   | Copper alloy   |
| 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                     | ecef7555-f643-4ceb-a337-fc54762297f1                           |
| California Proposition 65 substances | Yes  |
| California Proposition 65 substances | Lead<br>Nickel   |

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 100  |
| Net weight                     | 1 g  |
| Country of origin              | Germany                                    |
| European customs tariff number | 85366990                                   |
| GTIN                           | 5713140096899                              |
| ETIM                           | EC000796                                   |
| eCl@ss                         | 27440204 Contact for industrial connectors |

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