

## D SUB MIXED FE 40A\_SHORT\_S4 solder power



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 69 181 5823                                                                |
| Specification      | D SUB MIXED FE 40A_SHORT_S4<br>solder power                                   |
| HARTING eCatalogue | <a href="https://harting.com/09691815823">https://harting.com/09691815823</a> |

### Identification

|                            |                           |
|----------------------------|---------------------------|
| Category                   | Contacts                  |
| Series                     | D-Sub                     |
| Identification             | Mixed                     |
| Type of contact            | Solder contact            |
| Description of the contact | Straight<br>Short version |

### Version

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

### Technical characteristics

|                               |                         |
|-------------------------------|-------------------------|
| Conductor cross-section       | 4 ... 6 mm <sup>2</sup> |
| Conductor cross-section [AWG] | AWG 10 ... AWG 8        |
| Rated current                 | ≤40 A                   |
| Contact resistance            | ≤1 mΩ                   |
| Stripping length              | 6.1 mm                  |
| Limiting temperature          | -55 ... +155 °C         |
| Insertion force               | ≤7 N                    |
| Withdrawal force              | ≈5 N                    |
| Performance level             | NM 30 (S4)<br>1         |



**Pushing Performance**  
Since 1945

## Technical characteristics

|               |      |
|---------------|------|
| Mating cycles | ≥500 |
|---------------|------|

## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Material (contacts)                  | Copper alloy                                           |
| Surface (contacts)                   | Noble metal over Ni                                    |
| Layer thickness                      | ≥0.76 µm                                               |
| Layer thickness                      | ≥30 µinch                                              |
| 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                     | 1.41 g                                     |
| Country of origin              | Germany                                    |
| European customs tariff number | 85366990                                   |
| GTIN                           | 5713140096813                              |
| eCl@ss                         | 27440204 Contact for industrial connectors |
| ETIM                           | EC000796                                   |
| UNSPSC 24.0                    | 39121522                                   |