

## D-SUB 25F-IDC

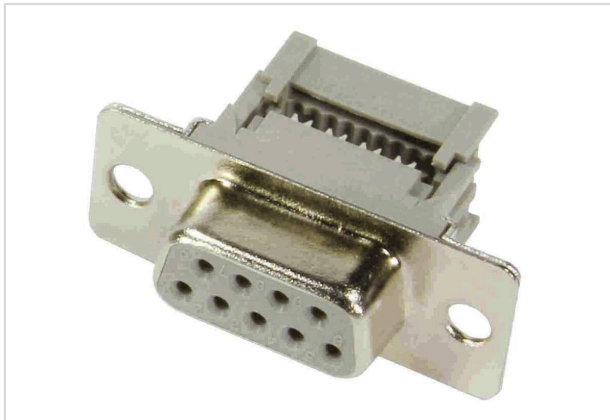


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 66 318 7500  |
| Specification      | D-SUB 25F-IDC   |
| HARTING eCatalogue | <a href="https://harting.com/09663187500">https://harting.com/09663187500</a> |

### Identification

|                            |                     |
|----------------------------|---------------------|
| Category                   | Connectors          |
| Series                     | D-Sub               |
| Identification             | Standard            |
| Element                    | Connector           |
| Description of the contact | Stamped<br>Straight |

### Version

|                    |   |
|--------------------|---|
| Termination method | IDC insulation displacement termination       |
| Gender             | Female  |
| Size               | D-Sub 3                                       |
| Connection type    | PCB to cable<br>Cable to cable                |
| Number of contacts | 25  |
| Locking type       | Fixing flange with feed through hole Ø 3.1 mm |

### Technical characteristics

|                               |                               |
|-------------------------------|-------------------------------|
| Conductor cross-section       | 0.09 ... 0.13 mm <sup>2</sup> |
| Conductor cross-section [AWG] | AWG 28 ... AWG 26             |
| Rated current                 | 2 A                           |
| Clearance distance            | ≥0.7 mm                       |
| Creepage distance             | ≥0.7 mm                       |
| Insulation resistance         | >10 <sup>10</sup> Ω           |
| Contact resistance            | ≤10 mΩ                        |



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## Technical characteristics

|                           |                 |
|---------------------------|-----------------|
| Limiting temperature      | -55 ... +125 °C |
| Insertion force           | ≤83 N           |
| Withdrawal force          | ≥7.8 N<br>≤56 N |
| Performance level         | 3               |
| Mating cycles             | ≥50             |
| 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)                           | Black   |
| 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   |

## Specifications and approvals

|                |                       |
|----------------|-----------------------|
| Specifications | DIN 41652             |
| UL / CSA       | UL 1977 ECBT2.E102079 |

## Commercial data

|                                |               |
|--------------------------------|---------------|
| Packaging size                 | 100           |
| Net weight                     | 0.005 g       |
| Country of origin              | China         |
| European customs tariff number | 85366990      |
| GTIN                           | 5713140083509 |
| ETIM                           | EC001136      |



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## Commercial data

eCl@ss

27440214 D-Sub coupler