

# D SUB HD FE STR 15P PL3



| Part number        | 09 56 151 7500                      |
|--------------------|-------------------------------------|
| Specification      | D SUB HD FE STR 15P PL3             |
| HARTING eCatalogue | https://b2b.harting.com/09561517500 |

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

#### Identification

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

### Version

| Termination method | Wave soldering termination                      |
|--------------------|---|
| Gender             | Female  |
| Size               | D-Sub 1   |
| Number of contacts | 15  |
| Locking type       | Fixing flange with feed through hole $Ø$ 3.1 mm |

## **Technical characteristics**

| Distance between rows              | 1.98 mm                 |
|------------------------------------|-------------------------|
| Contact spacing (termination side) | 2.29 mm                 |
| Rated current                      | 2 A                     |
| Clearance distance                 | ≥1 mm                   |
| Creepage distance                  | ≥1 mm                   |
| Insulation resistance              | > 5 x 10 <sup>9</sup> Ω |
| Contact resistance                 | <20 mΩ                  |
| Limiting temperature               | -40 +85 °C              |

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#### Technical characteristics

| Performance level                | 3                      |
|----------------------------------|------------------------|
| Mating cycles                    | ≥50                    |
| Test voltage U <sub>r.m.s.</sub> | 1 kV                   |
| Isolation group                  | IIIa (175 ≤ CTI < 400) |
| PCB thickness                    | 1.6 mm                 |
| Installation height              | 4.1 mm                 |
| Hot plugging                     | No                     |

#### Material properties

| Material (insert)                         | Thermoplastic resin, glass-fibre filled (PBTP)<br>Shell: steel, nickel plated |
|---|---|
| Colour (insert)                           | Black   |
| Material (contacts)                       | Copper alloy  |
| Surface (contacts)                        | Noble metal over Ni Mating side<br>Sn over Ni Termination side                |
| Material flammability class acc. to UL 94 | V-0   |
| 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  |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)  |
| Requirement set with Hazard Levels        | R26   |
|   |   |

## Specifications and approvals

Specifications DIN 41652

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#### Commercial data

| Packaging size                 | 100                    |
|--------------------------------|------------------------|
| Net weight                     | 6.58 g                 |
| Country of origin              | China                  |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140071230          |
| ETIM                           | EC001136               |
| eCl@ss                         | 27440214 D-Sub coupler |

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