

# DSUB SV FE SSDP STR 25P PL3 NUT M3



| Part number        | 09 66 311 7501                        |
|--------------------|---------------------------------------|
| Specification      | DSUB SV FE SSDP STR 25P PL3 NUT<br>M3 |
| HARTING eCatalogue | https://b2b.harting.com/09663117501   |

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

#### Identification

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

# Version

| Termination method | Wave soldering termination               |
|--------------------|--|
| Gender             | Female                                   |
| Size               | D-Sub 3                                  |
| Connection type    | Motherboard to daughtercard<br>Mezzanine |
| Number of contacts | 25                                       |
| Termination length | 2.9 mm                                   |
| Locking type       | Fixing flange with thread M3             |

# **Technical characteristics**

| Distance between rows              | 2.84 mm             |
|------------------------------------|---------------------|
| Contact spacing (termination side) | 2.76 mm             |
| Rated current                      | 6.5 A               |
| Clearance distance                 | ≥1 mm               |
| Creepage distance                  | ≥1 mm               |
| Insulation resistance              | >10 <sup>10</sup> Ω |

Page 1 / 3 | Creation date 2022-09-15 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



#### **Technical characteristics**

| Contact resistance               | ≤10 mΩ                    |
|----------------------------------|---------------------------|
| Tightening torque                | ≤0.6 Nm Female screw lock |
| 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 <sub>r.m.s.</sub> | 1 kV                      |
| Isolation group                  | IIIa (175 ≤ CTI < 400)    |
| PCB thickness                    | ≥1.6 mm                   |
| Installation height              | 6.2 mm                    |
| 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   |
| California Proposition 65 substances      | Yes   |
| California Proposition 65 substances      | Antimony trioxide<br>Lead<br>Nickel                                   |
| Requirement set with Hazard Levels        | R26   |
| Specifications and approvals              |   |

# Specifications and approvals

| Specifications | DIN 41652 |
|----------------|-----------|
|                |           |

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## Specifications and approvals

| UL / CSA                       | UL 1977 ECBT2.E102079  |
|--------------------------------|------------------------|
| Commercial data                |                        |
|                                |                        |
| Packaging size                 | 100                    |
| Net weight                     | 10.52 g                |
| Country of origin              | Romania                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140083158          |
| eCl@ss                         | 27440214 D-Sub coupler |

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