

## DSUB SV FE SSDP STR29 25P PL2 NUT M3 HT



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

|                    |   |
|--------------------|---|
| Part number        | 09 66 315 6501  |
| Specification      | DSUB SV FE SSDP STR29 25P PL2<br>NUT M3 HT  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09663156501">https://b2b.harting.com/09663156501</a> |

### Identification

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

### Version

|                    |  |
|--------------------|--|
| Termination method | Reflow soldering termination (THR)       |
| 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 |



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## Technical characteristics

|                           |   |
|---------------------------|---|
| Contact resistance        | ≤10 mΩ  |
| Tightening torque         | ≤0.6 Nm Female screw lock                                       |
| Limiting temperature      | -55 ... +125 °C (during reflow soldering max. +240 °C for 15 s) |
| Insertion force           | ≤83 N   |
| Withdrawal force          | ≥7.8 N<br>≤56 N   |
| Performance level         | 2<br>acc. to CECC 75301-802                                     |
| Mating cycles             | ≥250  |
| Test voltage $U_{r.m.s.}$ | 1 kV  |
| Isolation group           | II (400 ≤ CTI < 600)  |
| PCB thickness             | ≥1.6 mm   |
| Installation height       | 6.2 mm  |
| Hot plugging              | No  |

## Material properties

|   |  |
|---|--|
| Material (insert)                         | Thermoplastic resin, glass-fibre filled (PCT)<br>Shell: steel, nickel plated |
| Colour (insert)                           | Grey   |
| 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      | Nickel   |
| Requirement set with Hazard Levels        | R26  |

## Specifications and approvals

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



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## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 100                    |
| Net weight                     | 12.9 g                 |
| Country of origin              | Romania                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140083424          |
| eCl@ss                         | 27440214 D-Sub coupler |