

# DSUB SV FE SSDP STR29 25P PL2 GC 4-40 HT



| Part number        | 09 66 355 6512                              |
|--------------------|---|
| Specification      | DSUB SV FE SSDP STR29 25P PL2 GC<br>4-40 HT |
| HARTING eCatalogue | https://b2b.harting.com/09663556512         |

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 | 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                                   |
| PCB fixing         | With board locks                         |
| Locking type       | Fixing flange with thread 4-40 UNC       |

## **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   |

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Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



## Technical characteristics

| Insulation resistance            | >10 <sup>10</sup> Ω   |
|----------------------------------|---|
| 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 <sub>r.m.s.</sub> | 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  |

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## Specifications and approvals

| Specifications                 | DIN 41652              |
|--------------------------------|------------------------|
| Commercial data                |                        |
| Packaging size                 | 100                    |
| Net weight                     | 13.15 g                |
| Country of origin              | Romania                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140084339          |
| eCl@ss                         | 27440214 D-Sub coupler |

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