

## SV FE SSDP STR29 09P PL2GCSLK4-40HT

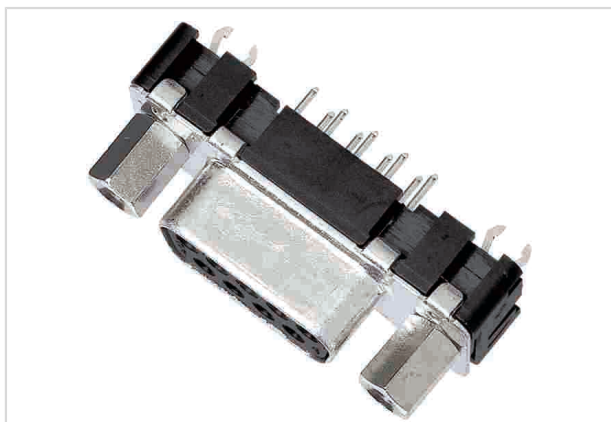


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 66 155 6513  |
| Specification      | SV FE SSDP STR29 09P<br>PL2GCSLK4-40HT  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09661556513">https://b2b.harting.com/09661556513</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 1                                       |
| Connection type    | Motherboard to daughtercard<br>Mezzanine      |
| Number of contacts | 9   |
| Termination length | 2.9 mm  |
| PCB fixing         | With board locks                              |
| Locking type       | Fixing flange with fitted screw lock 4-40 UNC |

### Technical characteristics

|                                    |         |
|------------------------------------|---------|
| Distance between rows              | 2.84 mm |
| Contact spacing (termination side) | 2.74 mm |
| Rated current                      | 6.5 A   |
| Clearance distance                 | ≥1 mm   |
| Creepage distance                  | ≥1 mm   |



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## Technical characteristics

|                           |   |
|---------------------------|---|
| Insulation resistance     | $>10^{10} \Omega$   |
| Contact resistance        | $\leq 10 \text{ m}\Omega$   |
| Tightening torque         | $\leq 0.4 \text{ Nm}$ Locking screw   |
| Limiting temperature      | $-55 \dots +125 \text{ }^\circ\text{C}$ (during reflow soldering max. $+240 \text{ }^\circ\text{C}$ for 15 s) |
| Insertion force           | $\leq 30 \text{ N}$   |
| Withdrawal force          | $\geq 3.3 \text{ N}$<br>$\leq 20 \text{ N}$   |
| Performance level         | 2<br>acc. to CECC 75301-802   |
| Mating cycles             | $\geq 250$  |
| Test voltage $U_{r.m.s.}$ | 1 kV  |
| Isolation group           | II ( $400 \leq \text{CTI} < 600$ )  |
| PCB thickness             | $\geq 1.6 \text{ mm}$   |
| 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 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   |



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## Material properties

|                                    |     |
|------------------------------------|-----|
| Requirement set with Hazard Levels | R26 |
|------------------------------------|-----|

## Specifications and approvals

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

## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 100                    |
| Net weight                     | 8.87 g                 |
| Country of origin              | Romania                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140081109          |
| eCl@ss                         | 27440214 D-Sub coupler |