

## DSUB SV FE SSDP STR 25P PL3 GC SLK 4-40



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 66 351 7513                                                                |
| Specification      | DSUB SV FE SSDP STR 25P PL3 GC SLK 4-40                                       |
| HARTING eCatalogue | <a href="https://harting.com/09663517513">https://harting.com/09663517513</a> |

### 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                                        |
| 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) | 2.76 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      | $-55 \dots +125 \text{ }^{\circ}\text{C}$   |
| Insertion force           | $\leq 83 \text{ N}$                         |
| Withdrawal force          | $\geq 7.8 \text{ N}$<br>$\leq 56 \text{ N}$ |
| Performance level         | 3                                           |
| Mating cycles             | $\geq 50$                                   |
| Test voltage $U_{r.m.s.}$ | 1 kV                                        |
| Isolation group           | IIIa ( $175 \leq \text{CTI} < 400$ )        |
| PCB thickness             | $\geq 1.6 \text{ mm}$                       |
| 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 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)                                                  |



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Material properties

Requirement set with Hazard Levels R26

Specifications and approvals

|                |                       |
|----------------|-----------------------|
| Specifications | DIN 41652             |
| UL / CSA       | UL 1977 ECBT2.E102079 |

Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 100                    |
| Net weight                     | 8 g                    |
| Country of origin              | Romania                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140083936          |
| eCl@ss                         | 27440214 D-Sub coupler |
| ETIM                           | EC001136               |
| UNSPSC 24.0                    | 39121469               |