

## DSUB SV FE SSDP STR29 09P PL2 GC 4-40 HT



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 66 155 6512                                                                |
| Specification      | DSUB SV FE SSDP STR29 09P PL2 GC 4-40 HT                                      |
| HARTING eCatalogue | <a href="https://harting.com/09661556512">https://harting.com/09661556512</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 thread 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         | $\leq 0.6 \text{ Nm}$ Female screw lock                         |
| Limiting temperature      | -55 ... +125 °C (during reflow soldering max. +240 °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 ( $400 \leq CTI < 600$ )                                     |
| 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                                                                    |
| 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      | Lead<br>Nickel                                                               |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08) + A1 (2023-10)                                          |
| Requirement set with Hazard Levels        | R26                                                                          |



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Specifications and approvals

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

Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 100                    |
| Net weight                     | 0.06 g                 |
| Country of origin              | Romania                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140081093          |
| eCl@ss                         | 27440214 D-Sub coupler |
| ETIM                           | EC001136               |
| UNSPSC 24.0                    | 39121469               |