

# DSUB SV FE TSDP STR 09P AU3



| Part number        | 09 67 009 4754                      |
|--------------------|-------------------------------------|
| Specification      | DSUB SV FE TSDP STR 09P AU3         |
| HARTING eCatalogue | https://b2b.harting.com/09670094754 |

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 | Turned<br>Straight |

### Version

| Termination method | Wave soldering termination                      |
|--------------------|---|
| Gender             | Female  |
| Size               | D-Sub 1   |
| Connection type    | Motherboard to daughtercard<br>Mezzanine        |
| Number of contacts | 9   |
| Termination length | 5.8 mm  |
| PCB fixing         | Without board locks                             |
| Locking type       | Fixing flange with feed through hole $Ø$ 3.1 mm |

# **Technical characteristics**

| Distance between rows              | 2.84 mm |
|------------------------------------|---------|
| Contact spacing (termination side) | 2.74 mm |
| Flange height                      | 6.5 mm  |
| Rated current                      | 7.5 A   |
| Clearance distance                 | ≥1 mm   |

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## Technical characteristics

| Creepage distance                | ≥1 mm                  |
|----------------------------------|------------------------|
| Insulation resistance            | >10 <sup>10</sup> Ω    |
| Contact resistance               | ≤10 mΩ                 |
| Limiting temperature             | -55 +125 °C            |
| Insertion force                  | ≤30 N                  |
| Withdrawal force                 | ≥3.3 N<br>≤20 N        |
| Performance level                | 3                      |
| Mating cycles                    | ≥50                    |
| Test voltage U <sub>r.m.s.</sub> | 1 kV                   |
| Isolation group                  | IIIa (175 ≤ CTI < 400) |
| PCB thickness                    | ≥1.6 mm                |
| Installation height              | 5.4 mm                 |
| Hot plugging                     | No                     |

## Material properties

| Material (insert)                         | Thermoplastic resin, glass-fibre filled (PBTP)<br>Shell: steel, tin plated |
|---|--|
| Colour (insert)                           | White  |
| 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      | Antimony trioxide<br>Lead<br>Nickel  |

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| Material properties                 |                        |
|-------------------------------------|------------------------|
| Fire protection on railway vehicles | EN 45545-2 (2020-08)   |
| Requirement set with Hazard Levels  | R26                    |
| Specifications and approvals        |                        |
| Specifications                      | DIN 41652              |
| UL / CSA                            | UL 1977 ECBT2.E102079  |
| Commercial data                     |                        |
| Packaging size                      | 50                     |
| Net weight                          | 8 g                    |
| Country of origin                   | Germany                |
| European customs tariff number      | 85366990               |
| GTIN                                | 5713140089549          |
| ETIM                                | EC001136               |
| eCl@ss                              | 27440214 D-Sub coupler |
|                                     |                        |

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