

## DSUB SV MA TSDP STR 50P PL3



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

|                    |   |
|--------------------|---|
| Part number        | 09 67 050 5654  |
| Specification      | DSUB SV MA TSDP STR 50P PL3   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09670505654">https://b2b.harting.com/09670505654</a> |

### Identification

|                            |                    |
|----------------------------|--------------------|
| Category                   | Connectors         |
| Series                     | D-Sub              |
| Identification             | Standard           |
| Element                    | Connector          |
| Description of the contact | Turned<br>Straight |

### Version

|                    |   |
|--------------------|---|
| Termination method | Wave soldering termination                                |
| Gender             | Male  |
| Size               | D-Sub 5   |
| Connection type    | Motherboard to daughtercard<br>Mezzanine                  |
| Number of contacts | 50  |
| Termination length | 5.8 mm  |
| PCB fixing         | Without board locks                                       |
| Locking type       | Fixing flange with feed through hole $\varnothing$ 3.1 mm |
| Pack contents      | Carton  |

### Technical characteristics

|                       |             |
|-----------------------|-------------|
| Distance between rows | 2.54 mm     |
| Flange height         | 6.5 mm      |
| Rated current         | 7.5 A       |
| Clearance distance    | $\geq$ 1 mm |



Pushing Performance

## Technical characteristics

|                                  |                        |
|----------------------------------|------------------------|
| Creepage distance                | ≥1 mm                  |
| Insulation resistance            | >10 <sup>10</sup> Ω    |
| Contact resistance               | ≤10 mΩ                 |
| Limiting temperature             | -55 ... +125 °C        |
| Insertion force                  | ≤167 N                 |
| Performance level                | 3                      |
| Mating cycles                    | ≥50                    |
| Test voltage U <sub>r.m.s.</sub> | 1 kV                   |
| Isolation group                  | IIIa (175 ≤ CTI < 400) |
| Hot plugging                     | No                     |

## Material properties

|   |  |
|---|--|
| Material (insert)                         | Thermoplastic resin, glass-fibre filled (PBTP)<br>Plated steel |
| Colour (insert)                           | White  |
| Material (contacts)                       | Copper alloy   |
| Surface (contacts)                        | Gold plated Termination side<br>Gold plated Mating side        |
| Material (hood/housing)                   | Steel  |
| Surface (hood/housing)                    | Tin plated   |
| 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               | No   |
| REACH ANNEX XIV substances                | No   |
| REACH SVHC substances                     | Yes  |
| REACH SVHC substances                     | Lead   |
| ECHA SCIP number                          | ecef7555-f643-4ceb-a337-fc54762297f1                           |

## Specifications and approvals

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

