

## DSUB SV MA SSDP ANG73-254 09P PL2 HOLE



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 65 122 6800                                                                |
| Specification      | DSUB SV MA SSDP ANG73-254 09P<br>PL2 HOLE                                     |
| HARTING eCatalogue | <a href="https://harting.com/09651226800">https://harting.com/09651226800</a> |

### Identification

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

### Version

|                    |                                               |
|--------------------|-----------------------------------------------|
| Termination method | Wave soldering termination                    |
| Gender             | Male                                          |
| Size               | D-Sub 1                                       |
| Connection type    | Motherboard to daughtercard                   |
| Number of contacts | 9                                             |
| Termination length | 2.9 mm                                        |
| Locking type       | Fixing flange with feed through hole Ø 3.1 mm |

### Technical characteristics

|                                    |                     |
|------------------------------------|---------------------|
| Distance between rows              | 2.54 mm             |
| Contact spacing (termination side) | 2.74 mm             |
| Rated current                      | 6.5 A               |
| Clearance distance                 | ≥1 mm               |
| Creepage distance                  | ≥1 mm               |
| Insulation resistance              | >10 <sup>10</sup> Ω |



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## Technical characteristics

|                           |                               |
|---------------------------|-------------------------------|
| Contact resistance        | ≤10 mΩ                        |
| Limiting temperature      | -55 ... +125 °C               |
| Insertion force           | ≤30 N                         |
| Withdrawal force          | ≥3.3 N<br>≤20 N               |
| Performance level         | 2<br>acc. to CECC 75301-802   |
| Mating cycles             | ≥250                          |
| Test voltage $U_{r.m.s.}$ | 1 kV                          |
| Isolation group           | IIIa ( $175 \leq CTI < 400$ ) |
| PCB thickness             | ≥1.6 mm                       |
| Installation height       | 7.3 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                                                             |
| 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                                                                   |

## Specifications and approvals

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

