

## DSUB SV MA SSDP ANG73-254 09PPL2GC4-40HT



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

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 65 166 6812                                                                        |
| Specification      | DSUB SV MA SSDP ANG73-254<br>09PPL2GC4-40HT                                           |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09651666812">https://b2b.harting.com/09651666812</a> |

### Identification

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

### Version

|                    |                                    |
|--------------------|------------------------------------|
| Termination method | Reflow soldering termination (THR) |
| 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 thread 4-40 UNC |

### 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                                                          |
| Tightening torque                | ≤0.6 Nm Female screw lock                                       |
| Limiting temperature             | -55 ... +125 °C (during reflow soldering max. +240 °C for 15 s) |
| Insertion force                  | ≤30 N                                                           |
| Withdrawal force                 | ≥3.3 N                                                          |
|                                  | ≤20 N                                                           |
| Performance level                | 2                                                               |
|                                  | acc. to CECC 75301-802                                          |
| Mating cycles                    | ≥250                                                            |
| Test voltage U <sub>r.m.s.</sub> | 1 kV                                                            |
| Isolation group                  | II (400 ≤ CTI < 600)                                            |
| PCB thickness                    | ≥1.6 mm                                                         |
| Installation height              | 7.3 mm                                                          |
| Hot plugging                     | No                                                              |

## Material properties

|                                           |                                               |
|-------------------------------------------|-----------------------------------------------|
| Material (insert)                         | Thermoplastic resin, glass-fibre filled (PCT) |
|                                           | 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                                          |
|                                           | Nickel                                        |
| Requirement set with Hazard Levels        | R26                                           |



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## Specifications and approvals

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

## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 100                    |
| Net weight                     | 7.95 g                 |
| Country of origin              | Romania                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140077362          |
| eCl@ss                         | 27440214 D-Sub coupler |