



Pushing Performance  
Since 1945

# DSUB SV FE SSDPANG36-254 25P PL2GC4-40HT



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

|                    |   |
|--------------------|---|
| Part number        | 09 66 356 6616  |
| Specification      | DSUB SV FE SSDPANG36-254 25P<br>PL2GC4-40HT   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09663566616">https://b2b.harting.com/09663566616</a> |

## Identification

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

## Version

|                    |                                    |
|--------------------|------------------------------------|
| Termination method | Reflow soldering termination (THR) |
| Gender             | Female                             |
| Size               | D-Sub 3                            |
| Connection type    | Motherboard to daughtercard        |
| Number of contacts | 25                                 |
| Termination length | 2.9 mm                             |
| PCB fixing         | With board locks                   |
| Locking type       | Fixing flange with thread 4-40 UNC |

## Technical characteristics

|                                    |         |
|------------------------------------|---------|
| Distance between rows              | 2.54 mm |
| Contact spacing (termination side) | 2.76 mm |
| Rated current                      | 6.5 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  |
| Tightening torque                | ≤0.6 Nm Female screw lock                                       |
| Limiting temperature             | -55 ... +125 °C (during reflow soldering max. +240 °C for 15 s) |
| Insertion force                  | ≤83 N   |
| Withdrawal force                 | ≥7.8 N<br>≤56 N   |
| Performance level                | 2<br>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              | 3.6 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      | Nickel   |



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Specifications and approvals

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

Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 100                    |
| Net weight                     | 12.88 g                |
| Country of origin              | Romania                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140084438          |
| ETIM                           | EC001136               |
| eCl@ss                         | 27440214 D-Sub coupler |