

## SSDP STR 25P PL2 GC 4-40



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

|                    |   |
|--------------------|---|
| Part number        | 09 66 351 6512  |
| Specification      | SSDP STR 25P PL2 GC 4-40  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09663516512">https://b2b.harting.com/09663516512</a> |

### Identification

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

### Version

|                    |  |
|--------------------|--|
| Termination method | Wave soldering termination               |
| Gender             | Female                                   |
| Size               | D-Sub 3                                  |
| Connection type    | Motherboard to daughtercard<br>Mezzanine |
| 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              | 2.84 mm |
| Contact spacing (termination side) | 2.76 mm |
| Rated current                      | 6.5 A   |
| Clearance distance                 | ≥1 mm   |
| Creepage distance                  | ≥1 mm   |



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## Technical characteristics

|                           |   |
|---------------------------|---|
| Insulation resistance     | $>10^{10} \Omega$                           |
| Contact resistance        | $\leq 10 \text{ m}\Omega$                   |
| Tightening torque         | $\leq 0.6 \text{ Nm}$ Female screw lock     |
| Limiting temperature      | $-55 \dots +125 \text{ }^{\circ}\text{C}$   |
| Insertion force           | $\leq 83 \text{ N}$                         |
| Withdrawal force          | $\geq 7.8 \text{ N}$<br>$\leq 56 \text{ N}$ |
| Performance level         | 2<br>acc. to CECC 75301-802                 |
| Mating cycles             | $\geq 250$                                  |
| Test voltage $U_{r.m.s.}$ | 1 kV  |
| Isolation group           | IIIa ( $175 \leq \text{CTI} < 400$ )        |
| PCB thickness             | $\geq 1.6 \text{ mm}$                       |
| Installation height       | 6.2 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      | Antimony trioxide<br>Lead<br>Nickel                                   |
| Requirement set with Hazard Levels        | R26   |



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## Specifications and approvals

|                |                       |
|----------------|-----------------------|
| Specifications | DIN 41652             |
| UL / CSA       | UL 1977 ECBT2.E102079 |

## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 100                    |
| Net weight                     | 10.7 g                 |
| Country of origin              | Romania                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140083882          |
| eCl@ss                         | 27440214 D-Sub coupler |