

DSUB SV FE SSDP STR29 37P PL2 NUT4-40HT



| Part number | 09 66 415 6502 |
|--------------------|--|
| Specification | DSUB SV FE SSDP STR29 37P PL2 NUT4-40HT |
| HARTING eCatalogue | https://b2b.harting.com/09664156502 |

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

Identification

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

Version

| Termination method | Reflow soldering termination (THR) |
|--------------------|--|
| Gender | Female |
| Size | D-Sub 4 |
| Connection type | Motherboard to daughtercard Mezzanine |
| Number of contacts | 37 |
| Termination length | 2.9 mm |
| 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 |
| Insulation resistance | >10 ¹⁰ Ω |

Page 1 / 3 | Creation date 2022-08-26 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Pushing Performance Since 1945

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 | ≤123 N |
| Withdrawal force | ≥11 N ≤82 N |
| Performance level | 2 acc. to CECC 75301-802 |
| Mating cycles | ≥250 |
| Test voltage U _{r.m.s.} | 1 kV |
| Isolation group | II (400 ≤ CTI < 600) |
| PCB thickness | ≥1.6 mm |
| Installation height | 6.2 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 | Nickel |
| Requirement set with Hazard Levels | R26 |
| | |

Specifications and approvals

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

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Commercial data

| Packaging size | 50 |
|--------------------------------|------------------------|
| Net weight | 17.48 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140085008 |
| eCl@ss | 27440214 D-Sub coupler |

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