

DSUB SV FE TSDP STR 50P AU2



| Part number | 09 67 050 4755 |
|--------------------|-------------------------------------|
| Specification | DSUB SV FE TSDP STR 50P AU2 |
| HARTING eCatalogue | https://b2b.harting.com/09670504755 |

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 | Turned Straight |

Version

| Termination method | Wave soldering termination |
|--------------------|---|
| Gender | Female |
| Size | D-Sub 5 |
| Connection type | Motherboard to daughtercard Mezzanine |
| Number of contacts | 50 |
| Termination length | 5.8 mm |
| PCB fixing | Without board locks |
| Locking type | Fixing flange with feed through hole $Ø$ 3.1 mm |

Technical characteristics

| Distance between rows | 2.84 mm |
|------------------------------------|---------|
| Contact spacing (termination side) | 2.76 mm |
| Flange height | 6.5 mm |
| Rated current | 7.5 A |
| Clearance distance | ≥1 mm |

Page 1 / 3 | Creation date 2022-09-17 | 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 Product data sheet 09 67 050 4755 DSUB SV FE TSDP STR 50P AU2



Technical characteristics

| Creepage distance | ≥1 mm |
|----------------------------------|-----------------------------|
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤10 mΩ |
| Limiting temperature | -55 +125 °C |
| Insertion force | ≤167 N |
| Withdrawal force | ≥14.5 N ≤111 N |
| Performance level | 2 acc. to CECC 75301-802 |
| Mating cycles | ≥250 |
| Test voltage U _{r.m.s.} | 1 kV |
| Isolation group | Illa (175 ≤ CTI < 400) |
| PCB thickness | ≥1.6 mm |
| Installation height | 5.4 mm |
| Hot plugging | No |

Material properties

| Material (insert) | Thermoplastic resin, glass-fibre filled (PBTP) Shell: steel, tin plated |
|---|--|
| Colour (insert) | White |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Noble metal over Ni |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant with exemption |
| RoHS exemptions | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status | compliant with exemption |
| China RoHS | 50 |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |
| ECHA SCIP number | ecef7555-f643-4ceb-a337-fc54762297f1 |
| California Proposition 65 substances | Yes |

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Material properties

| | Antimony trioxide |
|--------------------------------------|------------------------|
| California Proposition 65 substances | Lead |
| | Nickel |
| Requirement set with Hazard Levels | R26 |
| | |
| Specifications and approvals | |
| Specifications | DIN 41652 |
| UL / CSA | UL 1977 ECBT2.E102079 |
| | |
| Commercial data | |
| Packaging size | 25 |
| Net weight | 21 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140093683 |
| eCl@ss | 27440214 D-Sub coupler |