

DSUB SV MA TSDP STR 50P AU2



| Part number | 09 67 050 5655 |
|--------------------|-------------------------------------|
| Specification | DSUB SV MA TSDP STR 50P AU2 |
| HARTING eCatalogue | https://b2b.harting.com/09670505655 |

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 | Male |
| 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 \emptyset 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 |

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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 | |
|--------------------------------------|-------------------------------------|
| California Proposition 65 substances | Antimony trioxide 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 | 16.6 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140093812 |
| ETIM | EC001136 |
| | 20001130 |

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