



Pushing Performance

## DSUB SV MA TWW STR 50P AU3



|                    |   |
|--------------------|---|
| Part number        | 09 67 050 5607  |
| Specification      | DSUB SV MA TWW STR 50P AU3  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09670505607">https://b2b.harting.com/09670505607</a> |

### Identification

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

### Version

|                    |   |
|--------------------|---|
| Termination method | Wrap termination  |
| Gender             | Male  |
| Size               | D-Sub 5   |
| Connection type    | PCB to cable  |
| Number of contacts | 50  |
| Termination length | 13.65 mm  |
| Locking type       | Fixing flange with feed through hole $\varnothing$ 3.1 mm |
| Pack contents      | Carton  |

### Technical characteristics

|                       |                      |
|-----------------------|----------------------|
| Distance between rows | 2.54 mm              |
| Rated current         | 7.5 A                |
| Clearance distance    | $\geq 1$ mm          |
| Creepage distance     | $\geq 1$ mm          |
| Insulation resistance | $>10^{10}$ $\Omega$  |
| Contact resistance    | $\leq 10$ m $\Omega$ |



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## Technical characteristics

|                           |                               |
|---------------------------|-------------------------------|
| Limiting temperature      | -55 ... +125 °C               |
| Performance level         | 3                             |
| Mating cycles             | ≥50                           |
| Test voltage $U_{r.m.s.}$ | 1 kV                          |
| Isolation group           | IIIa ( $175 \leq CTI < 400$ ) |
| Hot plugging              | No                            |

## Material properties

|   |  |
|---|--|
| Material (insert)                         | Thermoplastic resin, glass-fibre filled (PBTP)<br>Plated steel |
| 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  |
| California Proposition 65 substances      | Nickel<br>Lead<br>Antimony trioxide                            |

## Specifications and approvals

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

## Commercial data

|                |        |
|----------------|--------|
| Packaging size | 25     |
| Net weight     | 18.5 g |



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## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Country of origin              | Germany                |
| European customs tariff number | 85366990               |
| eCl@ss                         | 27440214 D-Sub coupler |

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