

DSUB SV FE TSDC 50P AU3



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

| | |
|--------------------|---|
| Part number | 09 67 050 4704 |
| Specification | DSUB SV FE TSDC 50P AU3 |
| HARTING eCatalogue | https://b2b.harting.com/09670504704 |

Version

| | |
|--------------------|---|
| Termination method | Solder cup termination |
| Gender | Female |
| Size | D-Sub 5 |
| Connection type | PCB to cable Cable to cable |
| Number of contacts | 50 |
| Locking type | Fixing flange with feed through hole \varnothing 3.1 mm |

Technical characteristics

| | |
|-------------------------|--|
| Conductor cross-section | 0.5 mm ² max. |
| Conductor cross-section | AWG 20 |
| Rated current | 7.5 A |
| Clearance distance | ≥ 1 mm |
| Creepage distance | ≥ 1 mm |
| Insulation resistance | $>10^{10}$ Ω |
| Contact resistance | ≤ 10 m Ω |
| Stripping length | 2.5 ... 3 mm |
| Limiting temperature | -55 ... +125 °C (Soldering iron temperature during soldering: max. 350 °C for 3-5 s) |
| Insertion force | ≤ 167 N |
| Withdrawal force | ≥ 14.5 N ≤ 111 N |
| Performance level | 3 |
| Mating cycles | ≥ 50 |



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Technical characteristics

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|---------------------------|-------------------------------|
| Test voltage $U_{r,m.s.}$ | 1 kV |
| Isolation group | IIIa ($175 \leq CTI < 400$) |
| Hot plugging | No |

Material properties

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|---|--|
| 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 |
| 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 | 50 |
| Net weight | 20.5 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |



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Commercial data

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|--------|------------------------|
| GTIN | 5713140093621 |
| eCl@ss | 27440214 D-Sub coupler |