

DSUB SV FE SSDP ANG87-254 50P AU2



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

| | |
|--------------------|---|
| Part number | 09 66 512 6602 |
| Specification | DSUB SV FE SSDP ANG87-254 50P AU2 |
| HARTING eCatalogue | https://b2b.harting.com/09665126602 |

Identification

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

Version

| | |
|--------------------|------------------------------------|
| Termination method | Wave soldering termination |
| Gender | Female |
| Size | D-Sub 5 |
| Connection type | Motherboard to daughtercard |
| Number of contacts | 50 |
| Termination length | 2.9 mm |
| Locking type | Fixing flange with thread 4-40 UNC |

Technical characteristics

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|------------------------------------|---------------------|
| Distance between rows | 2.54 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 |



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Technical characteristics

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|---------------------------|-----------------------------|
| Contact resistance | ≤10 mΩ |
| Tightening torque | ≤0.6 Nm Female screw lock |
| 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 | IIIa (175 ≤ CTI < 400) |
| PCB thickness | ≥1.6 mm |
| Installation height | 8.7 mm |
| Hot plugging | No |

Material properties

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|---|---|
| Material (insert) | Thermoplastic resin, glass-fibre filled (PBTP) Shell: Plated steel |
| Colour (insert) | Black |
| 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 |
| California Proposition 65 substances | Lead |
| California Proposition 65 substances | Nickel |



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Material properties

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|-------------------------------------|----------------------|
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| 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 | 23.2 g |
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140086050 |
| ETIM | EC001136 |
| eCl@ss | 27440214 D-Sub coupler |