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# DSUB SV MA SSDP ANG73-254 09P GCPL3SLK4-



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

| | |
|---|---|
| Part number | 09 65 162 7813 |
| Specification | DSUB SV MA SSDP ANG73-254 09P GCPL3SLK4- |
| HARTING eCatalogue | https://harting.com/09651627813 |

## Identification

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

## Version

| | |
|---|---|
| Termination method | Wave soldering termination |
| Gender | Male |
| Size | D-Sub 1 |
| Connection type | Motherboard to daughtercard |
| Number of contacts | 9 |
| further contacts | With grounding pin |
| Termination length | 2.9 mm |
| PCB fixing | With board locks |
| Locking type | Fixing flange with fitted screw lock 4-40 UNC |

## Technical characteristics

| | |
|---|---|
| Distance between rows | 2.54 mm |
| Contact spacing (termination side) | 2.74 mm |
| Rated current | 6.5 A |
| Clearance distance | ≥1 mm |


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## Technical characteristics

| | |
|---|---|
| Creepage distance | ≥1 mm |
| Insulation resistance | $>10^{10}$ Ω |
| Contact resistance | ≤10 mΩ |
| Tightening torque | ≤0.4 Nm Locking screw |
| Limiting temperature | -55 ... +125 °C |
| Insertion force | ≤30 N |
| Withdrawal force | ≥3.3 N<br>≤20 N |
| Performance level | 3 |
| Mating cycles | ≥50 |
| Test voltage $U_{r.m.s.}$ | 1 kV |
| Isolation group | IIIa (175 ≤ CTI < 400) |
| PCB thickness | ≥1.6 mm |
| Installation height | 7.3 mm |
| Hot plugging | No |

## Material properties

| | |
|---|---|
| Material (insert) | Thermoplastic resin, glass-fibre filled (PBTP)<br>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 | Lead<br>Nickel |


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## Material properties

| | |
|---|---|
| Fire protection on railway vehicles | EN 45545-2 (2020-08) + A1 (2023-10) |
| Requirement set with Hazard Levels | R26 |

## Specifications and approvals

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

## Commercial data

| | |
|---|---|
| Packaging size | 100 |
| Net weight | 9.3 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140077232 |
| eCl@ss | 27440214 D-Sub coupler |
| ETIM | EC001136 |
| UNSPSC 24.0 | 39121469 |


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