

DSUB SV MASSDPSTR29 37PPL2GCSLK4-40HT



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 | Stamped Straight |

Version

| | |
|--------------------|---|
| Termination method | Reflow soldering termination (THR) |
| Gender | Male |
| Size | D-Sub 4 |
| Connection type | Motherboard to daughtercard Mezzanine |
| Number of contacts | 37 |
| Termination length | 2.9 mm |
| PCB fixing | With board locks |
| Locking type | Fixing flange with fitted screw lock 4-40 UNC |

Technical characteristics

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|------------------------------------|---------|
| Distance between rows | 2.84 mm |
| Contact spacing (termination side) | 2.76 mm |
| Rated current | 6.5 A |
| Clearance distance | ≥1 mm |
| Creepage distance | ≥1 mm |

Technical characteristics

| | |
|---------------------------|---|
| Insulation resistance | $>10^{10} \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Tightening torque | $\leq 0.4 \text{ Nm}$ Locking screw |
| Limiting temperature | -55 ... +125 °C (during reflow soldering max. +240 °C for 15 s) |
| Insertion force | $\leq 123 \text{ N}$ |
| Withdrawal force | $\geq 11 \text{ N}$ $\leq 82 \text{ N}$ |
| Performance level | 2 acc. to CECC 75301-802 |
| Mating cycles | ≥ 250 |
| Test voltage $U_{r.m.s.}$ | 1 kV |
| Isolation group | II (400 \leq CTI $<$ 600) |
| PCB thickness | $\geq 1.6 \text{ mm}$ |
| Installation height | 6.2 mm |
| Hot plugging | No |

Material properties

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|---|--|
| Material (insert) | Thermoplastic resin, glass-fibre filled (PCT) Shell: steel, nickel plated |
| Colour (insert) | Grey |
| 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 Nickel |

Material properties

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|-------------------------------------|-------------------------------------|
| 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 |
|----------------|-----------|

Commercial data

| | |
|--------------------------------|------------------------|
| Packaging size | 50 |
| Net weight | 17.58 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140079687 |
| eCl@ss | 27440214 D-Sub coupler |
| ETIM | EC001136 |
| UNSPSC 24.0 | 39121469 |