

DSUB SV MA SSDP STR 37P PL3 GC M3



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

| | |
|--------------------|---|
| Part number | 09 65 461 7711 |
| Specification | DSUB SV MA SSDP STR 37P PL3 GC M3 |
| HARTING eCatalogue | https://harting.com/09654617711 |

Identification

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

Version

| | |
|--------------------|--|
| Termination method | Wave soldering termination |
| Gender | Male |
| Size | D-Sub 4 |
| Connection type | Motherboard to daughtercard Mezzanine |
| Number of contacts | 37 |
| Termination length | 3.7 mm |
| PCB fixing | With board locks |
| Locking type | Fixing flange with thread M3 |

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 |



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Technical characteristics

| | |
|---------------------------|--|
| Insulation resistance | $>10^{10} \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Tightening torque | $\leq 0.6 \text{ Nm}$ Female screw lock |
| Limiting temperature | $-55 \dots +125 \text{ }^{\circ}\text{C}$ |
| Insertion force | $\leq 123 \text{ N}$ |
| Withdrawal force | $\geq 11 \text{ N}$ $\leq 82 \text{ N}$ |
| Performance level | 3 |
| Mating cycles | ≥ 50 |
| Test voltage $U_{r.m.s.}$ | 1 kV |
| Isolation group | IIIa ($175 \leq \text{CTI} < 400$) |
| PCB thickness | $\geq 1.6 \text{ mm}$ |
| Installation height | 6.2 mm |
| Hot plugging | No |

Material properties

| | |
|---|---|
| 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 |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead Nickel |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R26 |



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Specifications and approvals

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

Commercial data

| | |
|--------------------------------|------------------------|
| Packaging size | 50 |
| Net weight | 12.86 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140079335 |
| eCl@ss | 27440214 D-Sub coupler |
| ETIM | EC001136 |
| UNSPSC 24.0 | 39121469 |