

D SUB MA FE 37P "US"_S4_with grnd clip_



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|--------------------|---|
| Part number | 09 68 453 5611 |
| Specification | D SUB MA FE 37P "US"_S4_with grnd clip_ |
| HARTING eCatalogue | https://b2b.harting.com/09684535611 |

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

Identification

| Category | Connectors |
|----------------------------|-------------------|
| Series | D-Sub |
| Identification | Standard |
| Element | Connector |
| Specification | U.S. Footprint |
| Description of the contact | Stamped Angled |

Version

| Termination method | Wave soldering termination |
|--------------------|------------------------------|
| Gender | Female |
| Size | D-Sub 4 |
| Connection type | Motherboard to daughtercard |
| Number of contacts | 37 |
| further contacts | With grounding pin |
| Termination length | 3.2 mm |
| PCB fixing | With board locks |
| Locking type | Fixing flange with thread M3 |

Technical characteristics

| Distance between rows | 2.84 mm |
|------------------------------------|---------|
| Contact spacing (termination side) | 2.77 mm |
| Rated current | 6.5 A |

Page 1 / 3 | Creation date 2022-12-07 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



Technical characteristics

| Clearance distance | ≥1 mm |
|----------------------------------|---------------------------|
| Creepage distance | ≥1 mm |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤10 mΩ |
| Tightening torque | ≤0.6 Nm Female screw lock |
| Limiting temperature | -55 +125 °C |
| Insertion force | ≤123 N |
| Withdrawal force | ≥11 N ≤82 N |
| Performance level | NM 30 (S4) 1 |
| Mating cycles | ≥500 |
| Test voltage U _{r.m.s.} | 1 kV |
| Isolation group | Illa (175 ≤ CTI < 400) |
| PCB thickness | ≥1.6 mm |
| Installation height | 6.3 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 |
| Layer thickness | ≥0.76 µm |
| Layer thickness | ≥30 µinch |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant with exemption |
| RoHS exemptions | C(-). Occurrent eller constraining on the A O(lead by organizate |
| | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status | compliant with exemption |
| | |
| ELV status | compliant with exemption |
| ELV status China RoHS | compliant with exemption 50 |
| ELV status China RoHS REACH Annex XVII substances | compliant with exemption 50 Not contained |

Page 2 / 3 | Creation date 2022-12-07 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



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