

9p ANG STD M PL2_4-40 SL_sample



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

| | |
|--------------------|---|
| Part number | 09 55 166 6822 333 |
| Specification | 9p ANG STD M PL2_4-40 SL_sample |
| HARTING eCatalogue | https://b2b.harting.com/09551666822333 |

Version

| | |
|--------------------|---|
| Termination method | Reflow soldering termination (SMT) |
| Gender | Male |
| Size | D-Sub 1 |
| Connection type | Motherboard to daughtercard |
| Number of contacts | 9 |
| Locking type | Fixing flange with fitted screw lock 4-40 UNC |
| Pack contents | Sample |

Technical characteristics

| | |
|------------------------------------|---|
| Contact spacing (termination side) | 2.76 mm |
| Rated current | 5 A |
| Clearance distance | ≥1 mm |
| Creepage distance | ≥1 mm |
| Insulation resistance | > 5 x 10 ⁹ Ω |
| Contact resistance | ≤25 mΩ |
| Tightening torque | ≤0.4 Nm Locking screw |
| Limiting temperature | -55 ... +125 °C (during reflow soldering max. +240 °C for 30 s) |
| Insertion force | ≤30 N |
| Withdrawal force | ≥3.3 N ≤20 N |
| Performance level | 2 acc. to CECC 75301-802 |
| Mating cycles | ≥250 |



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Technical characteristics

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|----------------------------------|-------------------------------------|
| Test voltage $U_{r.m.s.}$ | 1 kV |
| Isolation group | IIIa ($175 \leq CTI < 400$) |
| PCB thickness | ≥ 1.6 mm |
| Installation height | 7.3 mm |
| Hot plugging | No |
| Moisture Sensitivity Level (MSL) | 1 acc. to ECA/IPC/JEDEC J-STD-020D |
| Process Sensitivity Level (PSL) | R0 acc. to ECA/IPC/JEDEC J-STD-020D |

Material properties

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|---|---|
| Material (insert) | Liquid crystal polymer (LCP) Shell: steel, nickel plated |
| Colour (insert) | Black |
| Material (contacts) | Copper alloy Ground: Zinc die-cast |
| 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 | Not contained |

Specifications and approvals

| | |
|----------------|--|
| Specifications | DIN 41652 |
| UL / CSA | UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 |

Commercial data

| | |
|--------------------------------|---------------|
| Packaging size | 1 |
| Net weight | 16.4 g |
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140219267 |



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eCl@ss

27440214 D-Sub coupler
