

9p ANG LP F PL2_4-40 SL_sample



| Part number | 09 55 156 6620 333 |
|--------------------|--|
| Specification | 9p ANG LP F PL2_4-40 SL_sample |
| HARTING eCatalogue | https://b2b.harting.com/09551566620333 |

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

Identification

| Category | Connectors |
|----------------------------|-------------------|
| Series | D-Sub |
| Identification | Standard |
| Element | Connector |
| Specification | Low-profile |
| Description of the contact | Stamped Angled |

Version

| Termination method | Reflow soldering termination (SMT) |
|--------------------|---|
| Gender | Female |
| 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

| Distance between rows | 2.84 mm |
|------------------------------------|---------|
| Contact spacing (termination side) | 2.76 mm |
| Rated current | 5 A |
| Clearance distance | ≥1 mm |
| Creepage distance | ≥1 mm |



Technical characteristics

| 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 |
| Test voltage U _{r.m.s.} | 1 kV |
| Isolation group | IIIa (175 ≤ CTI < 400) |
| PCB thickness | ≥1.6 mm |
| Installation height | 3.6 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

| 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 | е |
| 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 | 16.87 g |
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140220362 |
| eCl@ss | 27440214 D-Sub coupler |