

## 9p ANG LP F PL3\_4-40 SL\_Reel\_160 pcs



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

|                    |   |
|--------------------|---|
| Part number        | 09 55 156 7620 741  |
| Specification      | 9p ANG LP F PL3_4-40 SL_Reel_160 pcs  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09551567620741">https://b2b.harting.com/09551567620741</a> |

### Identification

|                            |                   |
|----------------------------|-------------------|
| Category                   | Connectors        |
| Series                     | D-Sub             |
| Identification             | Standard          |
| Element                    | Connector         |
| Specification              | Low-profile       |
| Description of the contact | Stamped<br>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      | 160 pieces on reel                            |

### 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   |



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## Technical characteristics

|                                  |   |
|----------------------------------|---|
| Insulation resistance            | $> 5 \times 10^9 \Omega$  |
| Contact resistance               | $\leq 25 \text{ m}\Omega$                                       |
| Tightening torque                | $\leq 0.4 \text{ Nm}$ Locking screw                             |
| Limiting temperature             | -55 ... +125 °C (during reflow soldering max. +240 °C for 30 s) |
| Insertion force                  | $\leq 30 \text{ N}$   |
| Withdrawal force                 | $\geq 3.3 \text{ N}$<br>$\leq 20 \text{ N}$                     |
| Performance level                | 3   |
| Mating cycles                    | $\geq 50$   |
| 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              | 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)<br>Shell: steel, nickel plated |
| Colour (insert)                           | Black   |
| Material (contacts)                       | Copper alloy<br>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 |
|----------------|-----------|



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## Specifications and approvals

|          |  |
|----------|--|
| UL / CSA | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079 |
|----------|--|

## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 1                      |
| Net weight                     | 3,000 g                |
| Country of origin              | China                  |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140068964          |
| eCl@ss                         | 27440214 D-Sub coupler |