## 37p STR MA PL3_4-40 SL_Reel_140 pcs



| Part number | 09554297822741 |
| :--- | :--- |
| Specification | 37p STR MA PL3_4-40 SL_Reel_140 pcs |
| HARTING eCatalogue | https://b2b.harting.com/09554297822741 |

## Identification

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

## Version

| Termination method | Reflow soldering termination (SMT) |
| :--- | :--- |
| Gender | Male |
| Size | D-Sub 4 |
| Connection type | Motherboard to daughtercard <br> Number of contacts <br> Locking type$\frac{37}{}$Pack contents Fixing flange with fitted screw lock 4-40 UNC |

Technical characteristics

| Contact spacing (termination side) | 2.76 mm |
| :--- | :--- |
| Rated current | 5 A |
| Clearance distance | $\geq 1 \mathrm{~mm}$ |
| Creepage distance | $\geq 1 \mathrm{~mm}$ |
| Insulation resistance | $>5 \times 10^{9} \Omega$ |
| Contact resistance | $\leq 25 \mathrm{~m} \Omega$ |

Page 1 / 3 | Creation date 2022-09-08 | 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.
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## Technical characteristics

| Tightening torque | $\leq 0.4 \mathrm{Nm}$ Locking screw |
| :--- | :--- |
| Limiting temperature | $-55 \ldots+125^{\circ} \mathrm{C}$ (during reflow soldering max. $+240^{\circ} \mathrm{C}$ for 30 s$)$ |
| Insertion force | $\leq 123 \mathrm{~N}$ |
| Withdrawal force | $\geq 11 \mathrm{~N}$ |
| Performance level | 3 |
| Mating cycles | $\geq 50 \mathrm{~N}$ |
| Test voltage Ur.m.s. | 1 kV |
| Isolation group | $\geq 1.6 \mathrm{~mm}$ |
| PCB thickness | 6.35 mm |
| Installation height | No 400) |
| Hot plugging | 1 acc. to ECA/IPC/JEDEC J-STD-020D |
| Moisture Sensitivity Level (MSL) | R0 acc. to ECA/IPC/JEDEC J-STD-020D |
| Process Sensitivity Level (PSL) |  |

## Material properties

| Material (insert) | Liquid crystal polymer (LCP) |
| :--- | :--- |
| Colour (insert) | Black steel, nickel plated |
| 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 | Not contained |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances |  |

Specifications and approvals

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

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## Commercial data

| Packaging size | 1 |
| :--- | :--- |
| Net weight | $1,950 \mathrm{~g}$ |
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140070622 |
| eCl@ss | 27440214 D-Sub coupler |

