

# 37p STR MA PL2\_M3 SL\_Reel\_140 pcs



| Part number        | 09 55 429 6821 741                     |
|--------------------|--|
| Specification      | 37p STR MA PL2_M3 SL_Reel_140 pcs      |
| HARTING eCatalogue | https://b2b.harting.com/09554296821741 |

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

### Version

| Termination method | Reflow soldering termination (SMT)      |
|--------------------|---|
| Gender             | Male                                    |
| Size               | D-Sub 4                                 |
| Connection type    | Motherboard to daughtercard Mezzanine   |
| Number of contacts | 37                                      |
| Locking type       | Fixing flange with fitted screw lock M3 |
| Pack contents      | 140 pieces on reel                      |

#### 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 <sup>9</sup> 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                    | ≤123 N  |
| Withdrawal force                   | ≥11 N<br>≤82 N  |
| Performance level                  | 2<br>acc. to CECC 75301-802                                 |
| Mating cycles                      | ≥250  |

Page 1 / 3 | Creation date 2023-02-25 | 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

| Test voltage U <sub>r.m.s.</sub> | 1 kV                                |
|----------------------------------|-------------------------------------|
| Isolation group                  | IIIa (175 ≤ CTI < 400)              |
| PCB thickness                    | ≥1.6 mm                             |
| Installation height              | 6.35 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   |
| 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                     | 1,950 g       |
| Country of origin              | China         |
| European customs tariff number | 85366990      |
| GTIN                           | 5713140070578 |

Product data sheet 09 55 429 6821 741 37p STR MA PL2\_M3 SL\_Reel\_140 pcs



### Commercial data

eCl@ss

27440214 D-Sub coupler