

25p STR MA PL2_pin_M3 nut_Reel_140 pcs



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|--------------------|-------------------------------------------|
| Part number | 09 55 369 6811 741 |
| Specification | 25p STR MA PL2_pin_M3 nut_Reel_140 pcs |
| HARTING eCatalogue | https://b2b.harting.com/09553696811741 |

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

Identification

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

Version

| Termination method | Reflow soldering termination (SMT) |
|--------------------|------------------------------------------|
| Gender | Male |
| Size | D-Sub 3 |
| Connection type | Motherboard to daughtercard Mezzanine |
| Number of contacts | 25 |
| PCB fixing | With board locks |
| Locking type | Fixing flange with thread 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 ⁹ Ω |

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. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics

| Contact resistance | ≤25 mΩ |
|----------------------------------|-------------------------------------------------------------|
| Tightening torque | ≤0.6 Nm Female screw lock |
| Limiting temperature | -55 +125 °C (during reflow soldering max. +240 °C for 30 s) |
| Insertion force | ≤83 N |
| Withdrawal force | ≥7.8 N ≤56 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 | 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 | 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 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 | 5713140070318 |
| eCl@ss | 27440214 D-Sub coupler |

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