

37p STR FE PL3_pin_4-40 nut_Reel_140 pcs



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

| | |
|--------------------|---|
| Part number | 09 55 455 7612 741 |
| Specification | 37p STR FE PL3_pin_4-40 nut_Reel_140 pcs |
| HARTING eCatalogue | https://b2b.harting.com/09554557612741 |

Identification

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

Version

| | |
|--------------------|--|
| Termination method | Reflow soldering termination (SMT) |
| Gender | Female |
| Size | D-Sub 4 |
| Connection type | Motherboard to daughtercard Mezzanine |
| Number of contacts | 37 |
| PCB fixing | With board locks |
| Locking type | Fixing flange with thread 4-40 UNC |
| 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 |



Pushing Performance
Since 1945

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 | ≤123 N |
| Withdrawal force | ≥11 N ≤82 N |
| Performance level | 3 |
| Mating cycles | ≥50 |
| Test voltage $U_{r.m.s.}$ | 1 kV |
| Isolation group | IIIa ($175 \leq CTI < 400$) |
| 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 |
|----------------|-----------|



Pushing Performance
Since 1945

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 | 5713140070721 |
| eCl@ss | 27440214 D-Sub coupler |