## D SUB HD FE STR 78P S4_4-40 NUT

| Part number | 09565515512 |
| :--- | :--- |
| Specification | D SUB HD FE STR 78P S4_4-40 NUT |
| HARTING eCatalogue | https://b2b.harting.com/09565515512 |



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

## Identification

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

## Version

| Termination method | Wave soldering termination |
| :--- | :--- |
| Gender | Female |
| Size | D-Sub 5 |
| Number of contacts | 78 |
| PCB fixing | With board locks |
| Locking type | Fixing flange with thread 4-40 UNC |

Technical characteristics

| Distance between rows | 1.98 mm |
| :--- | :--- |
| Contact spacing (termination side) | 2.41 mm |
| Rated current | 2 A |
| Clearance distance | $\geq 1 \mathrm{~mm}$ |
| Creepage distance | $\geq 1 \mathrm{~mm}$ |
| Insulation resistance | $>5 \times 10^{9} \Omega$ |
| Contact resistance | $<20 \mathrm{~m} \Omega$ |

Page 1 / 3 | Creation date 2022-12-06 | 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 Stiftung \& Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany

## Technical characteristics

| Tightening torque | $\leq 0.6 \mathrm{Nm}$ Female screw lock |
| :--- | :--- |
| Limiting temperature | $-40 \ldots+85^{\circ} \mathrm{C}$ |
| Performance level | $\mathrm{NM} 30(\mathrm{~S} 4)$ |
| Mating cycles | 1 |
| Test voltage $\mathrm{U}_{\text {r.m.s. }}$ | $\geq 500$ |
| Isolation group | 1 kV |
| PCB thickness | 1.6 mm |
| Installation height | 6.1 mm |
| Hot plugging | No |

## Material properties

| Material (insert) | Thermoplastic resin, glass-fibre filled (PBTP) |
| :---: | :---: |
|  | Shell: steel, nickel plated |
| Colour (insert) | Black |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Noble metal over Ni Mating side |
|  | Sn over Ni Termination side |
| Layer thickness | $\geq 0.76 \mu \mathrm{~m}$ |
| Layer thickness | $\geq 30$ unch |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant with exemption |
| RoHS exemptions | 6(c): Copper alloy containing up to $4 \%$ lead by weight |
| ELV status | compliant with exemption |
| China RoHS | 50 |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |
| ECHA SCIP number | ecef7555-f643-4ceb-a337-fc54762297f1 |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |
| Requirement set with Hazard Levels | R26 |

## Specifications and approvals

| Specifications | DIN 41652 |
| :--- | :--- |
| UL / CSA | UL 1977 ECBT2.E102079 |

## Commercial data

| Packaging size | 50 |
| :--- | :--- |
| Net weight | 22.53 g |
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140072299 |
| eCl@ss | 27440214 D-Sub coupler |

