

## DSUB HD FE STR 44P S4



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

|                    |   |
|--------------------|---|
| Part number        | 09 56 351 5500  |
| Specification      | DSUB HD FE STR 44P S4   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09563515500">https://b2b.harting.com/09563515500</a> |

### Identification

|                            |                     |
|----------------------------|---------------------|
| Category                   | Connectors          |
| Series                     | D-Sub               |
| Identification             | High Density        |
| Element                    | Connector           |
| Description of the contact | Stamped<br>Straight |

### Version

|                    |   |
|--------------------|---|
| Termination method | Wave soldering termination                                |
| Gender             | Female  |
| Size               | D-Sub 3   |
| Number of contacts | 44  |
| Locking type       | Fixing flange with feed through hole $\varnothing$ 3.1 mm |

### Technical characteristics

|                                    |                          |
|------------------------------------|--------------------------|
| Distance between rows              | 1.98 mm                  |
| Contact spacing (termination side) | 2.29 mm                  |
| Rated current                      | 2 A                      |
| Clearance distance                 | $\geq 1$ mm              |
| Creepage distance                  | $\geq 1$ mm              |
| Insulation resistance              | $> 5 \times 10^9 \Omega$ |
| Contact resistance                 | $< 20 \text{ m}\Omega$   |
| Limiting temperature               | -40 ... +85 °C           |



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## Technical characteristics

|                           |                               |
|---------------------------|-------------------------------|
| Performance level         | NM 30 (S4)<br>1               |
| Mating cycles             | ≥500                          |
| Test voltage $U_{r.m.s.}$ | 1 kV                          |
| Isolation group           | IIIa ( $175 \leq CTI < 400$ ) |
| PCB thickness             | 1.6 mm                        |
| Installation height       | 4.1 mm                        |
| Hot plugging              | No                            |

## Material properties

|   |   |
|---|---|
| Material (insert)                         | Thermoplastic resin, glass-fibre filled (PBTP)<br>Shell: steel, nickel plated |
| Colour (insert)                           | Black   |
| Material (contacts)                       | Copper alloy  |
| Surface (contacts)                        | Noble metal over Ni Mating side<br>Sn over Ni Termination side                |
| Layer thickness                           | ≥0.76 µm  |
| Layer thickness                           | ≥30 µinch   |
| 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                          | 5f2b96e8-feaf-4131-b3cd-8b723c130d93  |
| California Proposition 65 substances      | Yes   |
| California Proposition 65 substances      | Lead  |
| Requirement set with Hazard Levels        | R26   |

## Specifications and approvals

|                |           |
|----------------|-----------|
| Specifications | DIN 41652 |
|----------------|-----------|



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## Specifications and approvals

UL / CSA UL 1977 ECBT2.E102079

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## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 100                    |
| Net weight                     | 10.5 g                 |
| Country of origin              | China                  |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140071742          |
| eCl@ss                         | 27440214 D-Sub coupler |

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