

## D SUB HD MA STR 15P PL3\_4-40 SCREW LOCK



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 56 161 7713                                                                |
| Specification      | D SUB HD MA STR 15P PL3_4-40 SCREW LOCK                                       |
| HARTING eCatalogue | <a href="https://harting.com/09561617713">https://harting.com/09561617713</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             | Male                                          |
| Size               | D-Sub 1                                       |
| Number of contacts | 15                                            |
| PCB fixing         | With board locks                              |
| Locking type       | Fixing flange with fitted screw lock 4-40 UNC |

### Technical characteristics

|                                    |                         |
|------------------------------------|-------------------------|
| Distance between rows              | 1.98 mm                 |
| Contact spacing (termination side) | 2.29 mm                 |
| Rated current                      | 2 A                     |
| Clearance distance                 | ≥1 mm                   |
| Creepage distance                  | ≥1 mm                   |
| Insulation resistance              | > 5 x 10 <sup>9</sup> Ω |
| Contact resistance                 | <20 mΩ                  |



**Pushing Performance**  
Since 1945

## Technical characteristics

|                                  |                        |
|----------------------------------|------------------------|
| Tightening torque                | ≤0.4 Nm Locking screw  |
| Limiting temperature             | -40 ... +85 °C         |
| Performance level                | 3                      |
| Mating cycles                    | ≥50                    |
| Test voltage U <sub>r.m.s.</sub> | 1 kV                   |
| Isolation group                  | IIIa (175 ≤ CTI < 400) |
| PCB thickness                    | 1.6 mm                 |
| Installation height              | 6.1 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                |
| 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<br>Nickel                                                                |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08) + A1 (2023-10)                                           |
| Requirement set with Hazard Levels        | R26                                                                           |



**Pushing Performance**  
Since 1945

Specifications and approvals

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

Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 100                    |
| Net weight                     | 8.75 g                 |
| Country of origin              | China                  |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140071346          |
| eCl@ss                         | 27440214 D-Sub coupler |
| ETIM                           | EC001136               |
| UNSPSC 24.0                    | 39121469               |