

## D SUB 9P MA STR\_S4\_6,6 mm\_4-40 UNC spa

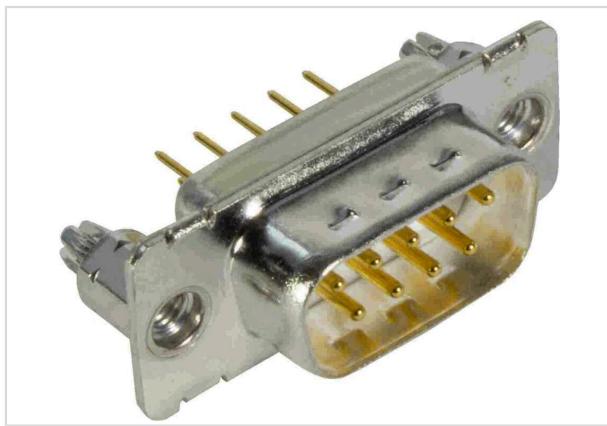


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 67 009 9071  |
| Specification      | D SUB 9P MA STR_S4_6,6 mm_4-40 UNC spa  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09670099071">https://b2b.harting.com/09670099071</a> |

### Identification

|                            |                    |
|----------------------------|--------------------|
| Category                   | Connectors         |
| Series                     | D-Sub              |
| Identification             | Standard           |
| Element                    | Connector          |
| Description of the contact | Turned<br>Straight |

### Version

|                    |  |
|--------------------|--|
| Termination method | Wave soldering termination               |
| Gender             | Male                                     |
| Size               | D-Sub 1                                  |
| Connection type    | Motherboard to daughtercard<br>Mezzanine |
| Number of contacts | 9  |
| Termination length | 3.7 mm                                   |
| PCB fixing         | With board locks                         |
| Locking type       | Fixing flange with thread 4-40 UNC       |

### Technical characteristics

|                       |                     |
|-----------------------|---------------------|
| Distance between rows | 2.84 mm             |
| Rated current         | 7.5 A               |
| Clearance distance    | ≥1 mm               |
| Creepage distance     | ≥1 mm               |
| Insulation resistance | >10 <sup>10</sup> Ω |

## Technical characteristics

|                           |                               |
|---------------------------|-------------------------------|
| Contact resistance        | ≤10 mΩ                        |
| Tightening torque         | ≤0.6 Nm Female screw lock     |
| Limiting temperature      | -55 ... +125 °C               |
| 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       | 7.5 mm                        |
| Hot plugging              | No                            |

## Material properties

|   |   |
|---|---|
| Material (insert)                         | Thermoplastic resin, glass-fibre filled (PBTP)<br>Shell: Plated steel |
| Colour (insert)                           | White   |
| Material (contacts)                       | Copper alloy  |
| Surface (contacts)                        | Noble metal over Ni   |
| 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                          | ecef7555-f643-4ceb-a337-fc54762297f1                                  |
| California Proposition 65 substances      | Yes   |
| California Proposition 65 substances      | Lead<br>Nickel  |

## Specifications and approvals

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

## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 50                     |
| Net weight                     | 6.72 g                 |
| Country of origin              | Germany                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140089938          |
| ETIM                           | EC001136               |
| eCl@ss                         | 27440214 D-Sub coupler |