

## D SUB HD MA 15P SOLDER CUP PL3

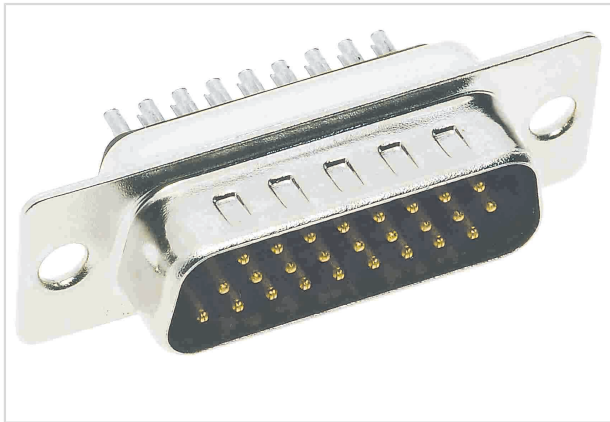


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 56 100 5604                                                                        |
| Specification      | D SUB HD MA 15P SOLDER CUP PL3                                                        |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09561005604">https://b2b.harting.com/09561005604</a> |

### Identification

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

### Version

|                    |                                               |
|--------------------|-----------------------------------------------|
| Termination method | Solder cup termination                        |
| Gender             | Male                                          |
| Size               | D-Sub 1                                       |
| Number of contacts | 15                                            |
| Locking type       | Fixing flange with feed through hole Ø 3.1 mm |

### Technical characteristics

|                         |                         |
|-------------------------|-------------------------|
| Conductor cross-section | 0.25 mm <sup>2</sup>    |
| Conductor cross-section | AWG 24                  |
| 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                  |
| Limiting temperature    | -40 ... +85 °C          |



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## Technical characteristics

|                           |                               |
|---------------------------|-------------------------------|
| Performance level         | 3                             |
| Mating cycles             | ≥50                           |
| Test voltage $U_{r.m.s.}$ | 1 kV                          |
| Isolation group           | IIIa ( $175 \leq CTI < 400$ ) |
| 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                                                                     |
| 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                                                                 |
| Requirement set with Hazard Levels        | R26                                                                           |

## Specifications and approvals

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

## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 100                    |
| Net weight                     | 4.28 g                 |
| Country of origin              | China                  |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140071186          |
| eCl@ss                         | 27440214 D-Sub coupler |