

## D SUB IP 67\_ 15POLE MALE SOLDER CUP S4



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 67 415 5615                                                                |
| Specification      | D SUB IP 67_ 15POLE MALE SOLDER CUP S4                                        |
| HARTING eCatalogue | <a href="https://harting.com/09674155615">https://harting.com/09674155615</a> |

### Identification

|                            |                    |
|----------------------------|--------------------|
| Category                   | Connectors         |
| Series                     | D-Sub              |
| Identification             | IP67               |
| Element                    | Connector          |
| Description of the contact | Turned<br>Straight |

### Version

|                    |                                               |
|--------------------|-----------------------------------------------|
| Termination method | Solder cup termination                        |
| Gender             | Male                                          |
| Size               | D-Sub 2                                       |
| Number of contacts | 15                                            |
| Locking type       | Fixing flange with feed through hole Ø 3.1 mm |

### Technical characteristics

|                               |                         |
|-------------------------------|-------------------------|
| Conductor cross-section       | 0.5 mm <sup>2</sup>     |
| Conductor cross-section [AWG] | AWG 20                  |
| Rated current                 | 5 A                     |
| Clearance distance            | ≥1 mm                   |
| Creepage distance             | ≥1 mm                   |
| Insulation resistance         | > 5 x 10 <sup>9</sup> Ω |
| Contact resistance            | ≤10 mΩ                  |
| Limiting temperature          | -25 ... +70 °C          |



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## Technical characteristics

|                                        |                               |
|----------------------------------------|-------------------------------|
| Performance level                      | NM 30 (S4)<br>1               |
| Mating cycles                          | ≥500                          |
| Degree of protection acc. to IEC 60529 | IP67                          |
| Test voltage $U_{r.m.s.}$              | 1.2 kV                        |
| Isolation group                        | IIIa ( $175 \leq CTI < 400$ ) |
| Hot plugging                           | No                            |

## Material properties

|                                           |                                                                     |
|-------------------------------------------|---------------------------------------------------------------------|
| Material (insert)                         | Thermoplastic resin, glass-fibre filled<br>Shell: brass, tin plated |
| Colour (insert)                           | Red                                                                 |
| 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      | Antimony trioxide<br>Lead<br>Nickel                                 |

## Specifications and approvals

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



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## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 100                    |
| Net weight                     | 7.76 g                 |
| Country of origin              | Germany                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140094161          |
| ETIM                           | EC001136               |
| eCl@ss                         | 27440214 D-Sub coupler |