

## D-Sub male solder cup 9-pole IP 67



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

|                    |   |
|--------------------|---|
| Part number        | 09 67 809 9615  |
| Specification      | D-Sub male solder cup 9-pole IP 67  |
| HARTING eCatalogue | <a href="https://harting.com/09678099615">https://harting.com/09678099615</a> |

### Identification

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

### Version

|                    |                              |
|--------------------|------------------------------|
| Termination method | Solder cup termination       |
| Gender             | Male                         |
| Size               | D-Sub 1                      |
| Number of contacts | 9                            |
| Locking type       | Fixing flange with thread M3 |

### 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                  |



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## Technical characteristics

|  |                               |
|--|-------------------------------|
| Tightening torque                      | 0.4 ... 0.6 Nm Screw          |
| Limiting temperature                   | -25 ... +70 °C                |
| 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 (seal)                           | Silicone  |
| Colour (seal)                             | Red   |
| Material                                  | Zinc die-cast, nickel-plated  |
| 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  |



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## Specifications and approvals

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

## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 50                     |
| Net weight                     | 25.28 g                |
| Country of origin              | Germany                |
| European customs tariff number | 85366990               |
| GTIN                           | 5713140095342          |
| eCl@ss                         | 27440214 D-Sub coupler |
| ETIM                           | EC001136               |
| UNSPSC 24.0                    | 39121469               |