

## D SUB IP 67 9 POLE STRAIGHT FRONT METAL



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

|                    |   |
|--------------------|---|
| Part number        | 09 67 809 8715  |
| Specification      | D SUB IP 67 9 POLE STRAIGHT FRONT METAL   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09678098715">https://b2b.harting.com/09678098715</a> |

### Version

|                    |                              |
|--------------------|------------------------------|
| Termination method | Solder cup termination       |
| Gender             | Female                       |
| 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 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                  |
| 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 <sub>r.m.s.</sub>       | 1.2 kV                  |
| Isolation group                        | IIIa (175 ≤ CTI < 400)  |



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## Technical characteristics

|              |    |
|--------------|----|
| 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  |

## Specifications and approvals

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

## Commercial data

|                   |         |
|-------------------|---------|
| Packaging size    | 50      |
| Net weight        | 23.74 g |
| Country of origin | Germany |



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Commercial data

|                                |                        |
|--------------------------------|------------------------|
| European customs tariff number | 85366990               |
| GTIN                           | 5713140095335          |
| eCl@ss                         | 27440214 D-Sub coupler |