

# D-Sub 37-pole MinD solder cup female nut



| Part number        | 09 67 037 1715                           |
|--------------------|--|
| Specification      | D-Sub 37-pole MinD solder cup female nut |
| HARTING eCatalogue | https://b2b.harting.com/09670371715      |

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

# Version

| Termination method | Solder cup termination       |
|--------------------|------------------------------|
| Gender             | Female                       |
| Size               | D-Sub 4                      |
| Connection type    | PCB to cable                 |
|                    | Cable to cable               |
| Number of contacts | 37                           |
| Locking type       | Fixing flange with thread M3 |

#### Technical characteristics

| l echnical characteristics |                             |
|----------------------------|-----------------------------|
| Conductor cross-section    | 0.5 mm <sup>2</sup>         |
| Conductor cross-section    | AWG 20                      |
| Rated current              | 7.5 A                       |
| Clearance distance         | ≥1 mm                       |
| Creepage distance          | ≥1 mm                       |
| Insulation resistance      | >10 <sup>10</sup> Ω         |
| Contact resistance         | ≤10 mΩ                      |
| Stripping length           | 2.5 3 mm                    |
| Tightening torque          | ≤0.6 Nm Female screw lock   |
| Limiting temperature       | -55 +125 °C                 |
| Insertion force            | ≤123 N                      |
| Withdrawal force           | ≥11 N<br>≤82 N              |
| Performance level          | 2<br>acc. to CECC 75301-802 |
|                            |                             |

Page 1 / 3 | Creation date 2023-02-27 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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# Technical characteristics

| Mating cycles                    | ≥250 |
|----------------------------------|------|
| Test voltage U <sub>r.m.s.</sub> | 1 kV |
| Hot plugging                     | No   |

# Material properties

| Material (insert)                         | Thermoplastic resin, glass-fibre filled (PBTP) Shell: steel, tin plated  |
|---|--|
| Colour (insert)                           | White  |
| Material (contacts)                       | Copper alloy   |
| Surface (contacts)                        | Noble metal over Ni Mating side Sn over Ni Termination side  |
| Material flammability class acc. to UL 94 | V-0  |
| RoHS                                      | compliant with exemption   |
| RoHS exemptions                           | 6(a) / 6(a)-I: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight / Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight and in batch hot dip galvanised steel components containing up to 0,2 % lead by weight 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        | 0.001 kg |
| Country of origin | Germany  |

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Product data sheet 09 67 037 1715 D-Sub 37-pole MinD solder cup female nut



# Commercial data

| European customs tariff number | 85366990               |
|--------------------------------|------------------------|
| GTIN                           | 5713140217379          |
| eCl@ss                         | 27440214 D-Sub coupler |