

D-Sub 37-pole male straight IP67



| Part number | 09 67 637 9675 |
|--------------------|-------------------------------------|
| Specification | D-Sub 37-pole male straight IP67 |
| HARTING eCatalogue | https://b2b.harting.com/09676379675 |

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

Identification

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

Version

| Termination method | Wave soldering termination |
|--------------------|------------------------------|
| Gender | Male |
| Size | D-Sub 4 |
| Number of contacts | 37 |
| further contacts | With grounding pin |
| PCB fixing | With board locks |
| Locking type | Fixing flange with thread M3 |

Technical characteristics

| Distance between rows | 2.84 mm |
|------------------------------------|---------|
| Contact spacing (termination side) | 2.74 mm |
| Rated current | 5 A |
| Clearance distance | ≥1 mm |
| Creepage distance | ≥1 mm |

Page 1 / 3 | Creation date 2022-09-17 | 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. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com Product data sheet 09 67 637 9675 D-Sub 37-pole male straight IP67



Technical characteristics

| Insulation resistance | > 5 x 10 ⁹ Ω |
|--|------------------------------|
| Contact resistance | ≤10 mΩ |
| Tightening torque | 0.4 0.6 Nm Female screw lock |
| Limiting temperature | -25 +70 °C |
| Performance level | NM 30 (S4) 1 |
| Mating cycles | ≥500 |
| Degree of protection acc. to IEC 60529 | IP67 |
| Test voltage U _{r.m.s.} | 1.2 kV |
| Isolation group | Illa (175 ≤ CTI < 400) |
| PCB thickness | 1.6 mm |
| Installation height | 8 mm |
| Hot plugging | No |

Material properties

| Material (insert) | Thermoplastic resin, glass-fibre filled 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 |

Page 2 / 3 | Creation date 2022-09-17 | 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. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Since 1945

Material properties

| 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 | 25 |
| Net weight | 44.92 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140095069 |
| eCl@ss | 27440214 D-Sub coupler |
| | |