

D-Sub 50-pole male straight IP67



Part number	09 67 650 9675
Specification	D-Sub 50-pole male straight IP67
HARTING eCatalogue	https://b2b.harting.com/09676509675

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

Version

Termination method	Wave soldering termination
Gender	Male
Size	D-Sub 5
Number of contacts	50
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
Insulation resistance	$> 5 \times 10^9 \Omega$
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

Page 1 / 3 | Creation date 2023-03-02 | 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

Isolation group	IIIa (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	P. A. Str.
RUNS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
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RoHS exemptions ELV status	6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption
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Specifications and approvals

Specifications	DIN 41652
UL / CSA	UL 1977 ECBT2.E102079

Product data sheet 09 67 650 9675 D-Sub 50-pole male straight IP67



Commercial data

Packaging size	25
Net weight	47.16 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140095182
eCl@ss	27440214 D-Sub coupler