

D-Sub 37-pole MinD STR female BL nut M3



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

Part number	09 67 451 6701
Specification	D-Sub 37-pole MinD STR female BL nut M3
HARTING eCatalogue	https://b2b.harting.com/09674516701

Identification

Category	Connectors
Series	D-Sub
Identification	Standard
Element	Connector
Description of the contact	Turned Straight

Version

Termination method	Wave soldering termination
Gender	Female
Size	D-Sub 4
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	37
Termination length	3.7 mm
PCB fixing	With board locks
Locking type	Fixing flange with thread M3

Technical characteristics

Distance between rows	2.84 mm
Contact spacing (termination side)	2.76 mm
Flange height	6.5 mm
Rated current	7.5 A
Clearance distance	≥1 mm



Pushing Performance
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Technical characteristics

Creepage distance	≥1 mm
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤10 mΩ
Tightening torque	≤0.6 Nm Female screw lock
Limiting temperature	-55 ... +125 °C
Insertion force	≤123 N
Withdrawal force	≥11 N ≤82 N
Performance level	2 acc. to CECC 75301-802
Mating cycles	≥250
Test voltage U _{r.m.s.}	1 kV
Isolation group	IIIa (175 ≤ CTI < 400)
PCB thickness	≥1.6 mm
Installation height	6.5 mm
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(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



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Material properties

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Specifications and approvals

Specifications	DIN 41652
UL / CSA	UL 1977 ECBT2.E102079

Commercial data

Packaging size	25
Country of origin	Germany
European customs tariff number	85389099
GTIN	5713140220935
eCl@ss	27440214 D-Sub coupler