

DSUB MinD 09P STR FE BL nut M3 PL2



Part number	09 67 151 6701
Specification	DSUB MinD 09P STR FE BL nut M3 PL2
HARTING eCatalogue	https://b2b.harting.com/09671516701

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

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 1
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	9
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)	2.74 mm
Flange height	6.5 mm
Rated current	7.5 A
Clearance distance	≥1 mm

Page 1 / 3 | Creation date 2023-03-21 | 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 Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany

Product data sheet 09 67 151 6701 DSUB MinD 09P STR FE BL nut M3 PL2



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	≤30 N
Withdrawal force	≥3.3 N ≤20 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
Material (insert) Colour (insert)	
	Shell: steel, tin plated
Colour (insert)	Shell: steel, tin plated White
Colour (insert) Material (contacts)	Shell: steel, tin plated White Copper alloy Noble metal over Ni Mating side
Colour (insert) Material (contacts) Surface (contacts)	Shell: steel, tin plated White Copper alloy Noble metal over Ni Mating side Sn over Ni Termination side
Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94	Shell: steel, tin plated White Copper alloy Noble metal over Ni Mating side Sn over Ni Termination side V-0
Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94 RoHS	Shell: steel, tin plated White Copper alloy Noble metal over Ni Mating side Sn over Ni Termination side V-0 compliant with exemption
Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94 RoHS RoHS exemptions	Shell: steel, tin plated White Copper alloy Noble metal over Ni Mating side Sn over Ni Termination side V-0 compliant with exemption 6(c): Copper alloy containing up to 4 % lead by weight
Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94 RoHS RoHS exemptions ELV status	Shell: steel, tin plated White Copper alloy Noble metal over Ni Mating side Sn over Ni Termination side V-0 compliant with exemption 6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption
Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94 RoHS RoHS exemptions ELV status China RoHS	Shell: steel, tin platedWhiteCopper alloyNoble metal over Ni Mating side Sn over Ni Termination sideV-0compliant with exemption6(c): Copper alloy containing up to 4 % lead by weightcompliant with exemption50
Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94 RoHS RoHS exemptions ELV status China RoHS REACH Annex XVII substances	Shell: steel, tin platedWhiteCopper alloyNoble metal over Ni Mating side Sn over Ni Termination sideV-0compliant with exemption6(c): Copper alloy containing up to 4 % lead by weightcompliant with exemption50Not contained
Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94 RoHS RoHS exemptions ELV status China RoHS REACH Annex XVII substances REACH ANNEX XIV substances	Shell: steel, tin platedWhiteCopper alloyNoble metal over Ni Mating side Sn over Ni Termination sideV-0compliant with exemption6(c): Copper alloy containing up to 4 % lead by weightcompliant with exemption50Not containedNot contained
Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94 RoHS RoHS exemptions ELV status China RoHS REACH Annex XVII substances REACH ANNEX XIV substances	Shell: steel, tin plated White Copper alloy Noble metal over Ni Mating side Sn over Ni Termination side V-0 compliant with exemption 6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption 50 Not contained Not contained Yes

Page 2 / 3 | Creation date 2023-03-21 | 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 Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



Material properties	
California Proposition 65 substances	Lead
Specifications and approvals	
Specifications	DIN 41652
UL / CSA	UL 1977 ECBT2.E102079
Commercial data	
Packaging size	50
Net weight	0.009 kg
Country of origin	Germany
European customs tariff number	85389099
GTIN	5713140220904
eCl@ss	27440214 D-Sub coupler