

D-SUB S 09P STR FE THR M3 PL2 GP RE



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

Part number	09 66 175 6581 741
Specification	D-SUB S 09P STR FE THR M3 PL2 GP RE
HARTING eCatalogue	https://b2b.harting.com/09661756581741

Identification

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

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Size	D-Sub 1
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	9
further contacts	With grounding pin
Termination length	2.1 mm
Locking type	Fixing flange with thread M3
Pack contents	200 pieces on reel

Technical characteristics

Distance between rows	2.84 mm
Contact spacing (termination side)	2.74 mm
Rated current	8 A
Rated current	@ 40 °C



Pushing Performance
 Since 1945

Technical characteristics

Clearance distance	≥1 mm
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	I (600 ≤ CTI)
PCB thickness	≥1.6 mm
Installation height	6.2 mm
Hot plugging	No
Moisture Sensitivity Level (MSL)	1 acc. to ECA/IPC/JEDEC J-STD-020D
Process Sensitivity Level (PSL)	R0 acc. to ECA/IPC/JEDEC J-STD-020D

Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (PPA) Shell: steel, nickel plated
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes



Pushing Performance
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Material properties

California Proposition 65 substances	Lead Nickel
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Specifications and approvals

Specifications	DIN 41652 CECC 75301-802
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Commercial data

Packaging size	1
Net weight	1.652 kg
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140218055
eCl@ss	27440214 D-Sub coupler