

D-SUB S 09P STR MA THR UNCSL PL2 GP RE



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

Part number	09 65 189 6783 741
Specification	D-SUB S 09P STR MA THR UNCSL PL2 GP RE
HARTING eCatalogue	https://harting.com/09651896783741

Identification

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

Version

Termination method	Reflow soldering termination (THR)
Gender	Male
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 fitted screw lock 4-40 UNC
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
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Technical characteristics

Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤10 mΩ
Tightening torque	≤0.4 Nm Locking screw
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 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



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Material properties

California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
	Nickel

Specifications and approvals

Specifications	DIN 41652
	CECC 75301-802

Commercial data

Packaging size	200
Net weight	0.01 kg
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140217584
ETIM	EC001136
eCl@ss	27440214 D-Sub coupler