

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

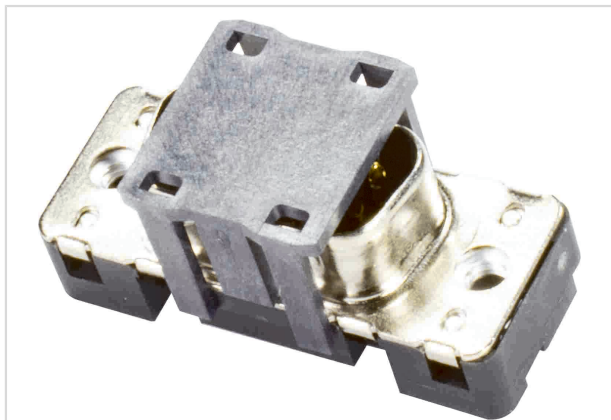


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Part number	09 65 189 6782 741
Specification	D-SUB S 09P STR MA THR UNC PL2 GP RE
HARTING eCatalogue	<a href="https://b2b.harting.com/09651896782741">https://b2b.harting.com/09651896782741</a>

### 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 thread 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 <sup>10</sup> 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 <sub>r.m.s.</sub>	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



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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	1.584 kg
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140217478
eCl@ss	27440214 D-Sub coupler