

DSUB SV MA SSDP ANG36-254 09P PL2 GC4-40



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

Part number	09 65 162 6816
Specification	DSUB SV MA SSDP ANG36-254 09P PL2 GC4-40
HARTING eCatalogue	https://b2b.harting.com/09651626816

Identification

Category	Connectors
Series	D-Sub
Identification	Standard
Element	Connector
Specification	Low-profile
Description of the contact	Stamped Angled

Version

Termination method	Wave soldering termination
Gender	Male
Size	D-Sub 1
Connection type	Motherboard to daughtercard
Number of contacts	9
further contacts	With grounding pin
Termination length	2.9 mm
PCB fixing	With board locks
Locking type	Fixing flange with thread 4-40 UNC

Technical characteristics

Distance between rows	2.54 mm
Contact spacing (termination side)	2.74 mm
Rated current	6.5 A



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	IIIa (175 ≤ CTI < 400)
PCB thickness	≥1.6 mm
Installation height	3.6 mm
Hot plugging	No

Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (PBTP) Shell: Plated steel
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
California Proposition 65 substances	Antimony trioxide Lead Nickel



Pushing Performance
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Material properties

Fire protection on railway vehicles EN 45545-2 (2020-08)

Requirement set with Hazard Levels R26

Specifications and approvals

Specifications DIN 41652

UL / CSA UL 1977 ECBT2.E102079

Commercial data

Packaging size 100

Net weight 5.6 g

Country of origin Romania

European customs tariff number 85366990

GTIN 5713140077164

ETIM EC001136

eCl@ss 27440214 D-Sub coupler