

DSUB SV MA SSDP ANG36-254 09P PL2 GC M3



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

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 M3

Technical characteristics

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

Technical characteristics

Clearance distance	≥ 1 mm
Creepage distance	≥ 1 mm
Insulation resistance	$>10^{10}$ Ω
Contact resistance	≤ 10 m Ω
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 \leq 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	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)

Material properties

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	5.56 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140077157
eCl@ss	27440214 D-Sub coupler
ETIM	EC001136
UNSPSC 24.0	39121469