

DSUB SV MA SSDP ANG36-254 09PPL2GC4-40HT



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

Part number	09 65 166 6816
Specification	DSUB SV MA SSDP ANG36-254 09PPL2GC4-40HT
HARTING eCatalogue	https://b2b.harting.com/09651666816

Identification

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

Version

Termination method	Reflow soldering termination (THR)
Gender	Male
Size	D-Sub 1
Connection type	Motherboard to daughtercard
Number of contacts	9
Termination length	2.9 mm
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
Clearance distance	≥1 mm
Creepage distance	≥1 mm



Pushing Performance
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Technical characteristics

Insulation resistance	$>10^{10} \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	$\leq 0.6 \text{ Nm}$ Female screw lock
Limiting temperature	$-55 \dots +125 \text{ }^\circ\text{C}$ (during reflow soldering max. $+240 \text{ }^\circ\text{C}$ for 15 s)
Insertion force	$\leq 30 \text{ N}$
Withdrawal force	$\geq 3.3 \text{ N}$ $\leq 20 \text{ N}$
Performance level	2 acc. to CECC 75301-802
Mating cycles	≥ 250
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	II ($400 \leq \text{CTI} < 600$)
PCB thickness	$\geq 1.6 \text{ mm}$
Installation height	3.6 mm
Hot plugging	No

Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (PCT) Shell: steel, nickel plated
Colour (insert)	Grey
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)
Requirement set with Hazard Levels	R26



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Specifications and approvals

Specifications	DIN 41652
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Commercial data

Packaging size	100
Net weight	6.97 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140077409
ETIM	EC001136
eCl@ss	27440214 D-Sub coupler