

## DSUB SV MA SSDP ANG73-284 09PPL3GC4-40HT



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

Part number	09 65 167 7813
Specification	DSUB SV MA SSDP ANG73-284 09PPL3GC4-40HT
HARTING eCatalogue	<a href="https://b2b.harting.com/09651677813">https://b2b.harting.com/09651677813</a>

### Identification

Category	Connectors
Series	D-Sub
Identification	Standard
Element	Connector
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 fitted screw lock 4-40 UNC

### Technical characteristics

Distance between rows	2.84 mm
Contact spacing (termination side)	2.74 mm
Rated current	6.5 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	>10 <sup>10</sup> Ω



## Technical characteristics

Contact resistance	≤10 mΩ
Tightening torque	≤0.4 Nm Locking screw
Limiting temperature	-55 ... +125 °C (during reflow soldering max. +240 °C for 15 s)
Insertion force	≤30 N
Withdrawal force	≥3.3 N ≤20 N
Performance level	3
Mating cycles	≥50
Test voltage U <sub>r.m.s.</sub>	1 kV
Isolation group	II (400 ≤ CTI < 600)
PCB thickness	≥1.6 mm
Installation height	7.3 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 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
ECHA SCIP number	ecef7555-f643-4ceb-a337-fc54762297f1
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)



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## Material properties

Requirement set with Hazard Levels R26

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## Specifications and approvals

Specifications	DIN 41652
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## Commercial data

Packaging size	1
Net weight	9.45 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140077461
ETIM	EC001136
eCl@ss	27440214 D-Sub coupler