

DSUB SV MA SSDP ANG-US 37P AU3



Part number	09 68 463 7813
Specification	DSUB SV MA SSDP ANG-US 37P AU3
HARTING eCatalogue	https://b2b.harting.com/09684637813

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

Identification

Category	Connectors
Series	D-Sub
Identification	Standard
Element	Connector
Specification	U.S. Footprint
Description of the contact	Stamped
	Angled

Version

Termination method	Wave soldering termination
Gender	Male
Size	D-Sub 4
Connection type	Motherboard to daughtercard
Number of contacts	37
further contacts	With grounding pin
Termination length	3.2 mm
PCB fixing	With board locks
Locking type	Fixing flange with fitted screw lock 4-40 UNC

Technical characteristics

Distance between rows	2.84 mm
Contact spacing (termination side)	2.77 mm
Rated current	6.5 A

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Technical characteristics

Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤10 mΩ
Tightening torque	≤0.4 Nm Locking screw
Limiting temperature	-55 +125 °C
Insertion force	≤123 N
Withdrawal force	≥11 N ≤82 N
Performance level	3
Mating cycles	≥50
Test voltage U _{r.m.s.}	1 kV
Isolation group	Illa (175 ≤ CTI < 400)
PCB thickness	≥1.6 mm
Installation height	6.3 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 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

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Material properties	
California Proposition 65 substances	Lead
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	50
Net weight	16.8 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140095977
GTIN	57 15 140095977
ETIM	EC001136