

# DSUB SV MA SSDP ANG-US 25P AUS4



Part number	09 68 363 5813
Specification	DSUB SV MA SSDP ANG-US 25P AUS4
HARTING eCatalogue	https://b2b.harting.com/09683635813

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 3
Connection type	Motherboard to daughtercard
Number of contacts	25
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

Page 1 / 3 | Creation date 2022-09-20 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com Product data sheet 09 68 363 5813 DSUB SV MA SSDP ANG-US 25P AUS4



## Technical characteristics

Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤10 mΩ
Tightening torque	≤0.4 Nm Locking screw
Limiting temperature	-55 +125 °C
Insertion force	≤83 N
Withdrawal force	≥7.8 N ≤56 N
Performance level	NM 30 (S4) 1
Mating cycles	≥500
Test voltage U <sub>r.m.s.</sub>	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
Layer thickness	≥0.76 µm
Layer thickness	≥30 µinch
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption
RoHS exemptions	C(-). Occurrent eller constraining on the A O( lead by organizate
	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
ELV status	compliant with exemption
ELV status China RoHS	compliant with exemption 50
ELV status China RoHS REACH Annex XVII substances	compliant with exemption 50 Not contained

Page 2 / 3 | Creation date 2022-09-20 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



## Material properties

1 1	
ECHA SCIP number	ecef7555-f643-4ceb-a337-fc54762297f1
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide Lead Nickel
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	14.48 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140095823
eCl@ss	27440214 D-Sub coupler