

DSUB SV FE SSDP ANG87-254 50P AU3



Part number	09 66 552 7613
Specification	DSUB SV FE SSDP ANG87-254 50P AU3
HARTING eCatalogue	https://b2b.harting.com/09665527613

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

Identification

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

Version

Termination method	Wave soldering termination
Gender	Female
Size	D-Sub 5
Connection type	Motherboard to daughtercard
Number of contacts	50
further contacts	With grounding pin
Termination length	3 mm
PCB fixing	With board locks
Locking type	Fixing flange with fitted screw lock 4-40 UNC

Technical characteristics

Distance between rows	2.54 mm
Contact spacing (termination side)	2.76 mm
Rated current	6.5 A
Clearance distance	≥1 mm

Page 1 / 3 | Creation date 2022-09-01 | 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



Technical characteristics

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	≤167 N
Withdrawal force	≥14.5 N ≤111 N
Performance level	3
Mating cycles	≥50
Test voltage U _{r.m.s.}	1 kV
Isolation group	IIIa (175 ≤ CTI < 400)
PCB thickness	≥1.6 mm
Installation height	8.7 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

Page 2 / 3 | Creation date 2022-09-01 | 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

California Proposition 65 substances Lead Nickel Requirement set with Hazard Levels R26 Specifications and approvals Specifications DIN 41652 UL / CSA UL 1977 ECBT2.E102079 Commercial data 50 Packaging size 50 Net weight 22.46 g Country of origin China European customs tariff number 85366990 GTIN 5713140086340		Antimony trioxide
Requirement set with Hazard Levels R26 Specifications and approvals DIN 41652 Specifications DIN 41652 UL / CSA UL 1977 ECBT2.E102079 Commercial data 50 Packaging size 50 Net weight 22.46 g Country of origin China European customs tariff number 85366990	California Proposition 65 substances	
Specifications and approvals Specifications DIN 41652 UL / CSA UL 1977 ECBT2.E102079 Commercial data Packaging size 50 Net weight 22.46 g Country of origin China European customs tariff number 85366990		Nickel
SpecificationsDIN 41652UL / CSAUL 1977 ECBT2.E102079Commercial dataPackaging size50Net weight22.46 gCountry of originChinaEuropean customs tariff number85366990	Requirement set with Hazard Levels	R26
SpecificationsDIN 41652UL / CSAUL 1977 ECBT2.E102079Commercial dataPackaging size50Net weight22.46 gCountry of originChinaEuropean customs tariff number85366990		
UL / CSAUL 1977 ECBT2.E102079Commercial data50Packaging size50Net weight22.46 gCountry of originChinaEuropean customs tariff number85366990	Specifications and approvals	
Commercial dataPackaging size50Net weight22.46 gCountry of originChinaEuropean customs tariff number85366990	Specifications	DIN 41652
Packaging size50Net weight22.46 gCountry of originChinaEuropean customs tariff number85366990	UL / CSA	UL 1977 ECBT2.E102079
Packaging size50Net weight22.46 gCountry of originChinaEuropean customs tariff number85366990		
Net weight 22.46 g Country of origin China European customs tariff number 85366990	Commercial data	
Country of originChinaEuropean customs tariff number85366990	Packaging size	50
European customs tariff number 85366990	Net weight	22.46 g
	Country of origin	China
GTIN 5713140086340	European customs tariff number	85366990
	GTIN	5713140086340
eCl@ss 27440214 D-Sub coupler	eCl@ss	27440214 D-Sub coupler