

# DSUB SV FE SSDP STR 09P PL3 NUT SLK 4-40



Part number	09 66 111 7503
Specification	DSUB SV FE SSDP STR 09P PL3 NUT SLK 4-40
HARTING eCatalogue	https://b2b.harting.com/09661117503

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 Straight

## Version

Termination method	Wave soldering termination
Gender	Female
Size	D-Sub 1
Connection type	Motherboard to daughtercard Mezzanine
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

Page 1 / 3 | Creation date 2023-12-22 | 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**

Contact resistance	≤10 mΩ
Tightening torque	≤0.4 Nm Locking screw
Limiting temperature	-55 +125 °C
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	IIIa (175 ≤ CTI < 400)
PCB thickness	≥1.6 mm
Installation height	6.2 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
California Proposition 65 substances	Antimony trioxide Lead Nickel

Page 2 / 3 | Creation date 2023-12-22 | 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	
Requirement set with Hazard Levels	R26
Specifications and approvals	
Specifications	DIN 41652
UL / CSA	UL 1977 ECBT2.E102079
Commercial data	
Packaging size	100
Packaging size Net weight	100 7.12 g
Net weight	7.12 g
Net weight Country of origin	7.12 g Romania
Net weight Country of origin European customs tariff number	7.12 g Romania 85366990

Page 3 / 3 | Creation date 2023-12-22 | 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