

DSUB SV MA TSDC 50P AU2



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

Part number	09 67 050 5615
Specification	DSUB SV MA TSDC 50P AU2
HARTING eCatalogue	https://b2b.harting.com/09670505615

Identification

Category	Connectors
Series	D-Sub
Identification	Standard
Element	Connector
Description of the contact	Turned Straight

Version

Termination method	Solder cup termination
Gender	Male
Size	D-Sub 5
Connection type	PCB to cable Cable to cable
Number of contacts	50
Locking type	Fixing flange with feed through hole \varnothing 3.1 mm
Pack contents	Carton

Technical characteristics

Conductor cross-section	0.5 mm ² max.
Conductor cross-section	AWG 20 max.
Distance between rows	2.54 mm
Rated current	7.5 A
Clearance distance	\geq 1 mm
Creepage distance	\geq 1 mm



Pushing Performance

Technical characteristics

Insulation resistance	$>10^{10} \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Limiting temperature	-55 ... +125 °C (Soldering iron temperature during soldering: max. 350 °C for 3-5 s)
Insertion force	$\leq 167 \text{ N}$
Performance level	2 acc. to CECC 75301-802
Mating cycles	≥ 250
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa ($175 \leq \text{CTI} < 400$)
Hot plugging	No

Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (PBTP) Plated steel
Colour (insert)	White
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated Termination side Gold plated Mating side
Material (hood/housing)	Steel
Surface (hood/housing)	Tin plated
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	ecef7555-f643-4ceb-a337-fc54762297f1

Specifications and approvals

Specifications	DIN 41652
UL / CSA	UL 1977 ECBT2.E102079



Pushing Performance

Commercial data

Packaging size	50
Net weight	17.1 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440214 D-Sub coupler