

DSUB SV FE TSDC 25P AU3



Part number	09 67 025 4704
Specification	DSUB SV FE TSDC 25P AU3
HARTING eCatalogue	https://harting.com/09670254704

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	Turned Straight

Version

Termination method	Solder cup termination
Gender	Female
Size	D-Sub 3
Connection type	PCB to cable
Connection type	Cable to cable
Number of contacts	25
Locking type	Fixing flange with feed through hole Ø 3.1 mm

Technical characteristics

Conductor cross-section	0.5 mm² max.
Conductor cross-section [AWG]	AWG 20
Rated current	7.5 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤10 mΩ

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Technical characteristics

Stripping length	2.5 3 mm
Limiting temperature	-55 +125 $^{\circ}\text{C}$ (Soldering iron temperature during soldering: max. 350 $^{\circ}\text{C}$ for 3-5 s)
Insertion force	≤83 N
Withdrawal force	≥7.8 N ≤56 N
Performance level	3
Mating cycles	≥50
Test voltage U _{r.m.s.}	1 kV
Isolation group	IIIa (175 ≤ CTI < 400)
Hot plugging	No

Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (PBTP) Shell: steel, tin plated
Colour (insert)	White
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
NEACH Alliex Avii substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH ANNEX XIV substances REACH SVHC substances	Not contained Yes
REACH ANNEX XIV substances REACH SVHC substances REACH SVHC substances	Not contained Yes Lead
REACH ANNEX XIV substances REACH SVHC substances REACH SVHC substances ECHA SCIP number	Not contained Yes Lead ecef7555-f643-4ceb-a337-fc54762297f1
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Specifications and approvals

Specifications	DIN 41652	
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Specifications and approvals

UL / CSA UL 1977 ECBT2.E102079

Commercial data

Packaging size	50
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140091863
eCl@ss	27440214 D-Sub coupler
ETIM	EC001136
UNSPSC 24.0	39121469