

DSUB SV FE SSDP STR 25P PL3 GC M3

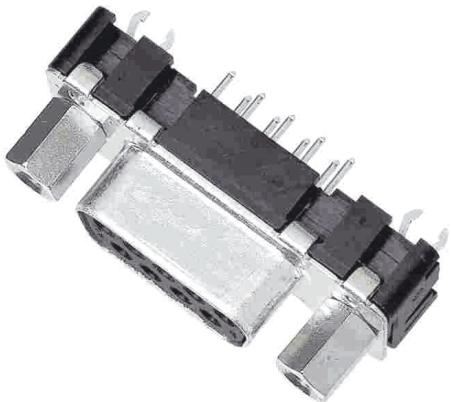


Image is for illustration purposes only. Please refer to product description.

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 3
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	25
Termination length	2.9 mm
PCB fixing	With board locks
Locking type	Fixing flange with thread M3

Technical characteristics

Distance between rows	2.84 mm
Contact spacing (termination side)	2.76 mm
Rated current	6.5 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm

Technical characteristics

Insulation resistance	$>10^{10} \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	$\leq 0.6 \text{ Nm}$ Female screw lock
Limiting temperature	-55 ... +125 °C
Insertion force	$\leq 83 \text{ N}$
Withdrawal force	$\geq 7.8 \text{ N}$ $\leq 56 \text{ N}$
Performance level	3
Mating cycles	≥ 50
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa ($175 \leq \text{CTI} < 400$)
PCB thickness	$\geq 1.6 \text{ mm}$
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
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide Nickel
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	DIN 41652
----------------	-----------

Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079
----------	-----------------------

Commercial data

Packaging size	100
Net weight	10.86 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140083912
eCl@ss	27440214 D-Sub coupler