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DSUB SV FE SSDP STR29 25P PL2 NUT4-40HT



HARTING eCatalogue	https://b2b.harting.com/09663156502

NUT4-40HT

09 66 315 6502

DSUB SV FE SSDP STR29 25P PL2

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

Part number

Specification

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Size	D-Sub 3
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	25
Termination length	2.9 mm
Locking type	Fixing flange with thread 4-40 UNC

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
Insulation resistance	>10 ¹⁰ Ω

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Technical characteristics

Contact resistance	≤10 mΩ
Tightening torque	≤0.6 Nm Female screw lock
Limiting temperature	-55 +125 °C (during reflow soldering max. +240 °C for 15 s)
Insertion force	≤83 N
Withdrawal force	≥7.8 N ≤56 N
Performance level	2 acc. to CECC 75301-802
Mating cycles	≥250
Test voltage U _{r.m.s.}	1 kV
Isolation group	II (400 ≤ CTI < 600)
PCB thickness	≥1.6 mm
Installation height	6.2 mm
Hot plugging	No

Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (PCT) Shell: steel, nickel plated
Colour (insert)	Grey
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	е
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	Nickel
Requirement set with Hazard Levels	R26

Specifications and approvals

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Product data sheet 09 66 315 6502 DSUB SV FE SSDP STR29 25P PL2 NUT4-40HT

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Commercial data

Packaging size	1
Net weight	13 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140083431
ETIM	EC001136
eCl@ss	27440214 D-Sub coupler