

D SUB SV FE IDC 09 AU2 with M3 nut

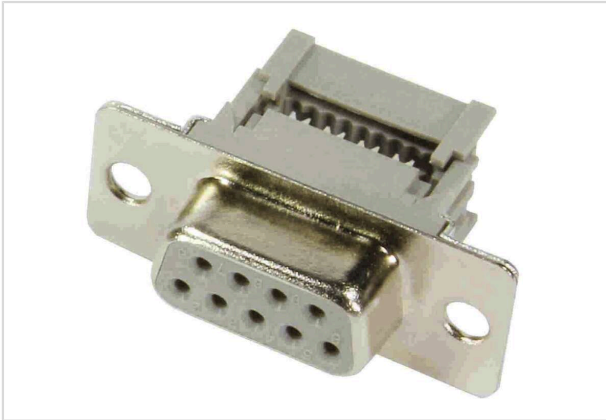


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Part number	09 66 118 6501
Specification	D SUB SV FE IDC 09 AU2 with M3 nut
HARTING eCatalogue	https://harting.com/09661186501

Identification

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

Version

Termination method	IDC insulation displacement termination
Gender	Female
Size	D-Sub 1
Connection type	PCB to cable Cable to cable
Number of contacts	9
Locking type	Fixing flange with thread M3

Technical characteristics

Conductor cross-section	0.09 ... 0.13 mm ²
Conductor cross-section [AWG]	AWG 28 ... AWG 26
Rated current	2 A
Clearance distance	≥0.7 mm
Creepage distance	≥0.7 mm
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤10 mΩ



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Technical characteristics

Tightening torque	≤0.6 Nm Female screw lock
Limiting temperature	-55 ... +125 °C
Insertion force	≤30 N
Withdrawal force	≥3.3 N ≤20 N
Performance level	2 acc. to CECC 75301-802
Mating cycles	≥250
Test voltage $U_{r.m.s.}$	1 kV
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	Lead

Specifications and approvals

Specifications	DIN 41652
UL / CSA	UL 1977 ECBT2.E102079



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Commercial data

Packaging size	90
Net weight	7.841 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140080164
ETIM	EC001136
eCl@ss	27440214 D-Sub coupler