

## D SUB SV FE IDC 37 AU2 with 4-40 nut

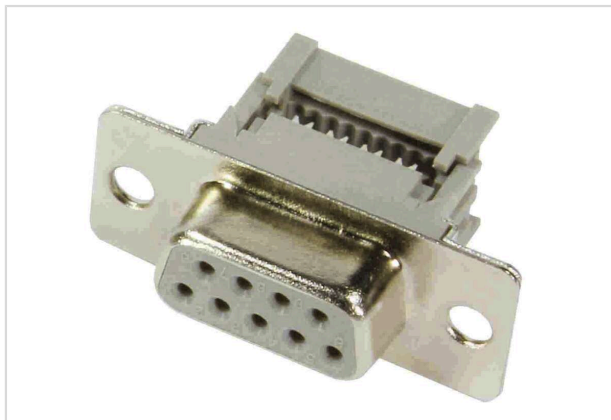


Image is for illustration purposes only. Please refer to product description.

Part number	09 66 418 6502
Specification	D SUB SV FE IDC 37 AU2 with 4-40 nut
HARTING eCatalogue	<a href="https://harting.com/09664186502">https://harting.com/09664186502</a>

### 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 4
Connection type	PCB to cable Cable to cable
Number of contacts	37
Locking type	Fixing flange with thread 4-40 UNC

### Technical characteristics

Conductor cross-section	0.09 ... 0.13 mm <sup>2</sup>
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 <sup>10</sup> Ω
Contact resistance	≤10 mΩ



**Pushing Performance**  
Since 1945

## Technical characteristics

Tightening torque	≤0.6 Nm Female screw lock
Limiting temperature	-55 ... +125 °C
Insertion force	≤123 N
Withdrawal force	≥11 N ≤82 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	Antimony trioxide Lead Nickel

## Specifications and approvals

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

Packaging size	50
Net weight	18 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140085053
ETIM	EC001136
eCl@ss	27440214 D-Sub coupler