

## DSUB SV FE SSDP STR 37P PL3 GC SLK 4-40

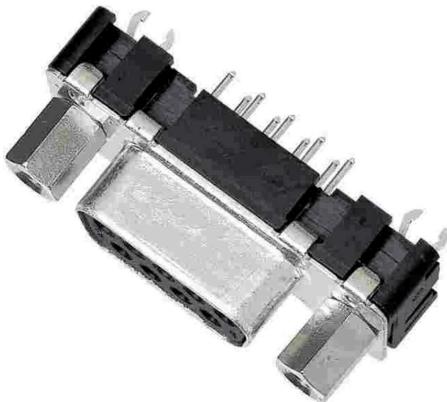


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Part number	09 66 451 7513
Specification	DSUB SV FE SSDP STR 37P PL3 GC SLK 4-40
HARTING eCatalogue	<a href="https://b2b.harting.com/09664517513">https://b2b.harting.com/09664517513</a>

### 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 4
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	37
Termination length	2.9 mm
PCB fixing	With board locks
Locking type	Fixing flange with fitted screw lock 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

## Technical characteristics

Insulation resistance	$>10^{10} \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	$\leq 0.4 \text{ Nm}$ Locking screw
Limiting temperature	-55 ... +125 °C
Insertion force	$\leq 123 \text{ N}$
Withdrawal force	$\geq 11 \text{ N}$ $\leq 82 \text{ N}$
Performance level	3
Mating cycles	$\geq 50$
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 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

## Material properties

Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	DIN 41652
UL / CSA	UL 1977 ECBT2.E102079

## Commercial data

Packaging size	50
Net weight	16.02 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140085404
ETIM	EC001136
eCl@ss	27440214 D-Sub coupler