

## SUB IP 67\_9 POLE STRAIGHT



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

### Identification

Category	Connectors
Series	D-Sub
Identification	IP67
Element	Connector
Specification	With rear frame
Description of the contact	Turned Straight

### Version

Termination method	Solder cup termination
Gender	Female
Size	D-Sub 1
Number of contacts	9
Locking type	Fixing flange with thread 4-40 UNC

### Technical characteristics

Conductor cross-section	0.5 mm <sup>2</sup>
Conductor cross-section [AWG]	AWG 20
Rated current	5 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	> 5 x 10 <sup>9</sup> Ω
Contact resistance	≤10 mΩ

## Technical characteristics

Tightening torque	0.4 ... 0.6 Nm Female screw lock
Limiting temperature	-25 ... +70 °C
Performance level	NM 30 (S4) 1
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP67
Test voltage $U_{r.m.s.}$	1.2 kV
Isolation group	IIIa ( $175 \leq CTI < 400$ )
Hot plugging	No

## Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled Shell: brass, tin plated
Colour (insert)	Red
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni
Layer thickness	≥0.76 µm
Layer thickness	≥30 µinch
Material (seal)	Silicone
Colour (seal)	Red
Material	Thermoplastic resin, glass-fibre filled
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 Nickel

## Specifications and approvals

Specifications	DIN 41652
UL / CSA	UL 1977 ECBT2.E102079

## Commercial data

Packaging size	50
Net weight	12.586 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140094246
eCl@ss	27440214 D-Sub coupler
ETIM	EC001136
UNSPSC 24.0	39121469