



Pushing Performance  
Since 1945

## D SUB MA Shell 2W2C w/o contact & with 4



Part number	09 69 150 0022
Specification	D SUB MA Shell 2W2C w/o contact & with 4

### Identification

Category	Connectors
Series	D-Sub
Identification	Mixed
Element	Connector

### Version

Gender	Male
Size	D-Sub 1
Number of contacts	2
Number of signal contacts	0
Number of special contacts	2
Coding	With coding
Locking type	Fixing flange with thread 4-40 UNC
Details	Please order special contacts separately.

### Technical characteristics

Insulation resistance	$> 5 \times 10^9 \Omega$
Tightening torque	$\leq 0.6 \text{ Nm}$ Female screw lock
Limiting temperature	-55 ... +125 °C
Mating cycles	$\geq 500$
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa ( $175 \leq CTI < 400$ )
Hot plugging	No



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## Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (Polyester) Shell: steel, tin plated
Colour (insert)	Black
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption
RoHS exemptions	6(a) / 6(a)-I: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight / Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight and in batch hot dip galvanised steel components containing up to 0,2 % 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
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

## Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079
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## Commercial data

Packaging size	100
Net weight	5.02 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140096639
ETIM	EC001136
eCl@ss	27440214 D-Sub coupler