



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 x 10 ⁹ Ω |
| Tightening torque | ≤0.6 Nm Female screw lock |
| Limiting temperature | -55 ... +125 °C |
| Mating cycles | ≥500 |
| Test voltage U _{r.m.s.} | 1 kV |
| Isolation group | IIIa (175 ≤ 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 |