**HARTING**

**Pushing Performance**
Since 1945

# D SUB MIXED MA SOLDER CRIMP COAX 50 OHMS



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

| | |
|---|---|
| Part number | 09 69 281 5143 |
| Specification | D SUB MIXED MA SOLDER CRIMP COAX 50 OHMS |
| HARTING eCatalogue | https://b2b.harting.com/09692815143 |

## Identification

| | |
|---|---|
| Category | Contacts |
| Series | D-Sub |
| Identification | Mixed |
| Type of contact | Coaxial contact |
| Description of the contact | Straight<br>for cables RG 58 CU, 141 AU |
| Features | Outer ferrule: crimp in tool cavity A |

## Version

| | |
|---|---|
| Termination method | Solder/crimp termination |
| Gender | Male |
| Manufacturing process | Turned contacts |

## Technical characteristics

| | |
|---|---|
| Rated current | ≤2 A |
| Rated voltage | 250 V |
| Insulation resistance | $>10^9$ Ω |
| Contact resistance | 2.7 mΩ for inner contact die<br>2.7 mΩ for outer ferrule |
| Impedance | 50 Ω |
| Stripping length | 3 mm for inner contact die<br>5 mm Shielding<br>9.5 mm cable jacket |
| Limiting temperature | -55 ... +135 °C |

Product data sheet
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## Technical characteristics

| | |
|---|---|
| Insertion force | ≤7 N |
| Withdrawal force | ≤7 N |
| Performance level | NM 30 (S4) |
| | 1 |
| Mating cycles | ≥500 |
| Test voltage U$_{r.m.s.}$ | 0.75 kV @ 50 Hz |
| Frequency | 0 ... 2 GHz |

## Material properties

| | |
|---|---|
| Material (contacts) | Copper alloy |
| | PBFE / PBTP / PI |
| Surface (contacts) | Noble metal over Ni |
| Layer thickness | ≥0.76 µm |
| Layer thickness | ≥30 µinch |
| Material (locking) | Copper alloy |
| 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 |

## Commercial data

| | |
|---|---|
| Packaging size | 20 |
| Net weight | 0.1 g |
| Country of origin | Czechia |
| European customs tariff number | 85366990 |
| GTIN | 5713140098947 |
| ETIM | EC000796 |

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## Commercial data

| eCl@ss | 27440204 Contact for industrial connectors |
|---|---|