

## DSUB MA STR SOLDER CONTACT 50 OHMS COAX



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

### Identification

|                            |   |
|----------------------------|---|
| Category                   | Contacts  |
| Series                     | D-Sub   |
| Identification             | Mixed   |
| Type of contact            | Coaxial contact                                 |
| Description of the contact | Straight<br>for cables RG 178 BU, 196 AU, 404 U |
| Features                   | Outer ferrule: crimp in tool cavity C           |

### Version

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

### Technical characteristics

|                       |  |
|-----------------------|--|
| Rated current         | $\leq 2$ A   |
| Insulation resistance | $>10^9$ $\Omega$   |
| Contact resistance    | 2.7 m $\Omega$ for inner contact die<br>2.7 m $\Omega$ for outer ferrule |
| Impedance coaxial     | 50 $\Omega$  |
| Stripping length      | 3 mm for inner contact die<br>5 mm Shielding<br>9.5 mm cable jacket      |
| Limiting temperature  | -55 ... +135 °C  |

## Technical characteristics

|                           |                 |
|---------------------------|-----------------|
| Insertion force           | ≤7 N            |
| Withdrawal force          | ≤7 N            |
| Performance level         | NM 30 (S4)<br>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<br>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(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<br>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<br>Nickel  |

## Commercial data

|                   |         |
|-------------------|---------|
| Packaging size    | 20      |
| Net weight        | 0.003 g |
| Country of origin | Czechia |

## Commercial data

European customs tariff number 85366990

GTIN 5713140098930

eCl@ss 27440204 Contact for industrial connectors

ETIM EC000796

UNSPSC 24.0 39121522