

## DSUB MA RIGHT ANG HIGH VOLTAGE CONTACT



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 69 681 2550                                                                |
| Specification      | DSUB MA RIGHT ANG HIGH VOLTAGE CONTACT                                        |
| HARTING eCatalogue | <a href="https://harting.com/09696812550">https://harting.com/09696812550</a> |

### Identification

|                            |                |
|----------------------------|----------------|
| Category                   | Contacts       |
| Series                     | D-Sub          |
| Identification             | Mixed          |
| Type of contact            | Solder contact |
| Description of the contact | Angled         |

### Version

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

### Technical characteristics

|                               |                              |
|-------------------------------|------------------------------|
| Conductor cross-section       | 0.25 ... 0.5 mm <sup>2</sup> |
| Conductor cross-section [AWG] | AWG 24 ... AWG 20            |
| Rated current                 | ≤10 A                        |
| Rated voltage                 | ≤3,000 V<br>>1,000 V         |
| Contact resistance            | ≤3 mΩ                        |
| Stripping length              | 2.5 mm                       |
| Limiting temperature          | -55 ... +125 °C              |
| Insertion force               | ≤5 N                         |
| Withdrawal force              | ≈2.5 N                       |



**Pushing Performance**  
Since 1945

## Technical characteristics

|                           |              |
|---------------------------|--------------|
| Performance level         | AU 50<br>1   |
| Mating cycles             | ≥500         |
| Test voltage $U_{r.m.s.}$ | 4 kV @ 50 Hz |

## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Material (contacts)                  | Copper alloy                                           |
| Surface (contacts)                   | Au over Ni                                             |
| Layer thickness                      | ≥1.27 µm                                               |
| Layer thickness                      | ≥50 µinch                                              |
| Material (hood/housing)              | Polycarbonate / Teflon (PTFE)                          |
| Material (locking)                   | PI                                                     |
| 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<br>Nickel                                         |

## Commercial data

|                                |                                            |
|--------------------------------|--------------------------------------------|
| Packaging size                 | 20                                         |
| Net weight                     | 0.93 g                                     |
| Country of origin              | Czechia                                    |
| European customs tariff number | 85366990                                   |
| GTIN                           | 5713140102736                              |
| ETIM                           | EC000796                                   |
| eCl@ss                         | 27440204 Contact for industrial connectors |