



Pushing Performance  
Since 1945

# DSUB FE STR SOLDER CONTACT 75 OHMS COAX



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 69 181 5230                                                                |
| Specification      | DSUB FE STR SOLDER CONTACT 75 OHMS COAX                                       |
| HARTING eCatalogue | <a href="https://harting.com/09691815230">https://harting.com/09691815230</a> |

## Identification

|                            |                                          |
|----------------------------|------------------------------------------|
| Category                   | Contacts                                 |
| Series                     | D-Sub                                    |
| Identification             | Mixed                                    |
| Type of contact            | Coaxial contact                          |
| Description of the contact | Straight<br>for cables RG 179 BU, 187 AU |
| Features                   | Outer ferrule: crimp in tool cavity B    |

## Version

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

## Technical characteristics

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| Rated current         | ≤2 A                                                                |
| Insulation resistance | >10 <sup>9</sup> Ω                                                  |
| Contact resistance    | 2.7 mΩ for inner contact die<br>2.7 mΩ for outer ferrule            |
| Impedance coaxial     | 75 Ω                                                                |
| Stripping length      | 3 mm for inner contact die<br>5 mm Shielding<br>9.5 mm cable jacket |
| Limiting temperature  | -55 ... +135 °C                                                     |



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## 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        | 2.26 g  |
| Country of origin | Czechia |



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Commercial data

|                                |                                            |
|--------------------------------|--------------------------------------------|
| European customs tariff number | 85366990                                   |
| GTIN                           | 5713140096714                              |
| eCl@ss                         | 27440204 Contact for industrial connectors |
| ETIM                           | EC000796                                   |
| UNSPSC 24.0                    | 39121522                                   |