



Pushing Performance  
Since 1945

# D SUB MIXED FE S CRIMP COAX 50 OHMS-PL3

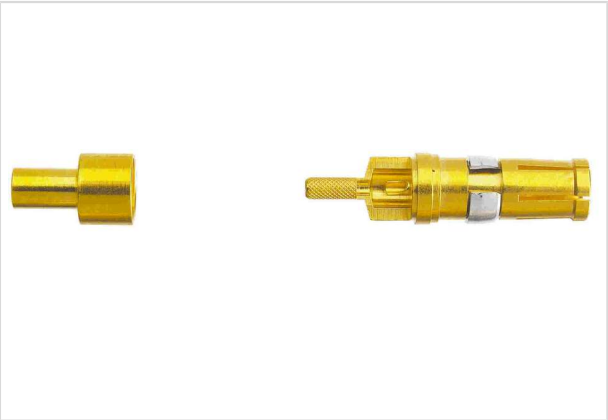


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 69 181 7141  |
| Specification      | D SUB MIXED FE S CRIMP COAX 50 OHMS-PL3                                       |
| HARTING eCatalogue | <a href="https://harting.com/09691817141">https://harting.com/09691817141</a> |

## 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    | Crimp 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     | 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   |



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## Technical characteristics

|                           |                 |
|---------------------------|-----------------|
| Insertion force           | ≤7 N            |
| Withdrawal force          | ≤7 N            |
| Performance level         | 3               |
| Mating cycles             | ≥50             |
| 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)                   | Gold plated  |
| 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<br>Nickel   |

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 20   |
| Net weight                     | 2.173 g                                    |
| Country of origin              | Czechia                                    |
| European customs tariff number | 85366990                                   |
| GTIN                           | 5713140096837                              |
| eCl@ss                         | 27440204 Contact for industrial connectors |
| ETIM                           | EC000796                                   |



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## Commercial data

UNSPSC 24.0

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