



Pushing Performance
Since 1945

DIN-Signal coax m, solder/crimp 50Ohm

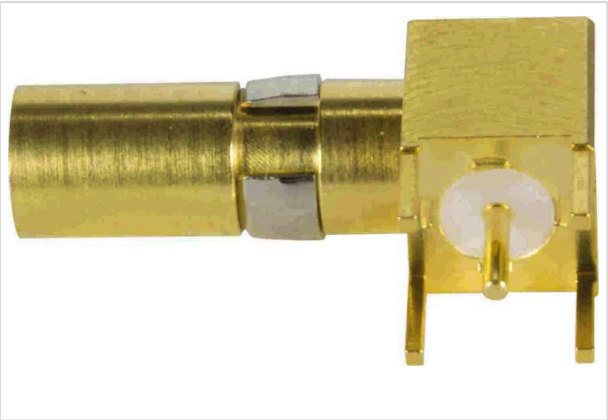


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 03 000 6162 |
| Specification | DIN-Signal coax m, solder/crimp 50Ohm |
| HARTING eCatalogue | https://harting.com/09030006162 |

Identification

| | |
|----------------------------|-------------------------|
| Category | Contacts |
| Series | DIN 41612 |
| Type of contact | Coaxial contact |
| Description of the contact | Angled |
| Contacts for | DIN 41612 Type M invers |

Version

| | |
|-----------------------|------------------------------------|
| Termination method | Solder termination |
| Termination method | PCB solder termination |
| Gender | Male contact for female connectors |
| Connection type | Motherboard to daughtercard |
| | Mezzanine |
| | Extender card |
| | PCB to cable |
| Manufacturing process | Turned contacts |

Technical characteristics

| | |
|-----------------------|------------------------------|
| Rated current | ≤1.5 A |
| Insulation resistance | >10 ⁹ Ω |
| Contact resistance | ≤10 mΩ for inner contact die |
| | ≤3 mΩ for outer ferrule |
| Impedance coaxial | 50 Ω |
| Limiting temperature | -55 ... +125 °C |



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Technical characteristics

| | |
|---------------------------|----------------|
| Return loss | >30 dB @ 1 GHz |
| | >25 dB @ 2 GHz |
| | >22 dB @ 4 GHz |
| | >18 dB @ 6 GHz |
| Insertion force | ≤10 N |
| Withdrawal force | ≥1 N |
| Performance level | 1 |
| Mating cycles | ≥500 |
| Test voltage $U_{r.m.s.}$ | 0.75 kV |
| Frequency | 6 GHz |

Material properties

| | |
|--------------------------------------|--|
| Material (contacts) | Copper alloy |
| Surface (contacts) | Noble metal over Ni Mating side |
| 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 | 339476a1-86ba-49e9-ab4b-cd336420d72a |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |
| | Nickel |

Specifications and approvals

| | |
|----------------|-----------|
| Specifications | DIN 41626 |
|----------------|-----------|

Commercial data

| | |
|-------------------|---------|
| Packaging size | 30 |
| Net weight | 2.1 g |
| Country of origin | Germany |



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Commercial data

| | |
|--------------------------------|--|
| European customs tariff number | 85366990 |
| GTIN | 5713140003989 |
| ETIM | EC000796 |
| eCl@ss | 27440204 Contact for industrial connectors |