



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 6161 |
| Specification | DIN-Signal coax m, solder/crimp 50Ohm |
| HARTING eCatalogue | https://harting.com/09030006161 |

Identification

| | |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| Category | Contacts |
| Series | DIN 41612 har-modular® |
| Type of contact | Coaxial contact |
| Description of the contact | Angled |
| Contacts for | DIN 41612 Type M DIN 41612 Type M invers DIN 41612 Type MH 21+5 har-modular® M module, female, straight |

Version

| | |
|-----------------------|---------------------------------------------------------------------------|
| Termination method | Solder termination |
| Termination method | Solder/crimp 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 | ≤1.4 A |
| Rated voltage | 250 V |
| Insulation resistance | >10 ⁹ Ω |



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Technical characteristics

| | |
|----------------------------------|---------------------------------------------------------|
| Contact resistance | ≤10 mΩ for inner contact die ≤3 mΩ for outer ferrule |
| Impedance coaxial | 50 Ω |
| Limiting temperature | -55 ... +125 °C |
| Return loss | >25 dB @ 1 GHz for cables RG 174 |
| | >22 dB @ 2 GHz for cables RG 174 |
| | >14 dB @ 4 GHz for cables RG 174 |
| | >23 dB @ 1 GHz for cables RG 316 |
| | >20 dB @ 2 GHz for cables RG 316 |
| Insertion force | ≤10 N |
| Withdrawal force | ≥1 N |
| Performance level | 1 |
| Mating cycles | ≥500 |
| Test voltage U _{r.m.s.} | 0.75 kV |
| Frequency | 4 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 | 100 |
| Net weight | 1 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140003972 |
| ETIM | EC000796 |
| eCl@ss | 27440204 Contact for industrial connectors |

Assembly instructions

