

DIN-Signal coax m, solder/crimp 500hm



| Part number | 09 03 000 6161 |
|--------------------|---------------------------------------|
| Specification | DIN-Signal coax m, solder/crimp 500hm |
| HARTING eCatalogue | https://b2b.harting.com/09030006161 |

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

Identification

| Category | Contacts |
|----------------------------|---|
| Series | DIN 41612 |
| 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/crimp termination |
|-----------------------|------------------------------------|
| Gender | Male contact for female connectors |
| Manufacturing process | Turned contacts |

Technical characteristics

| Operating current | ≤1.4 A |
|-----------------------|---|
| Rated voltage | 250 V |
| Insulation resistance | >10 ⁹ Ω |
| Contact resistance | ≤10 mΩ for inner contact die ≤3 mΩ for outer ferrule |
| Impedance | 50 Ω |
| Limiting temperature | -55 +125 °C |



Technical characteristics

| | >25 dB @ 1 GHz for cables RG 174 |
|----------------------------------|----------------------------------|
| | >22 dB @ 2 GHz for cables RG 174 |
| Return loss | >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

|--|--|

Commercial data

| Packaging size | 100 |
|-------------------|---------|
| Net weight | 2 g |
| Country of origin | Germany |

Page 2 / 3 | Creation date 2022-08-06 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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Commercial data

| European customs tariff number | 85366990 |
|--------------------------------|--|
| GTIN | 5713140003972 |
| eCl@ss | 27440204 Contact for industrial connectors |

Assembly instructions

