

DIN-Signal coax m, 500hm for M-flat



| Part number | 09 03 000 6182 |
|--------------------|-------------------------------------|
| Specification | DIN-Signal coax m, 500hm for M-flat |
| HARTING eCatalogue | https://harting.com/09030006182 |

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

Identification

| Category | Contacts |
|----------------------------|----------------------------------------------------------|
| Series | DIN 41612 |
| | har-modular [®] |
| Type of contact | Coaxial contact |
| Description of the contact | Straight |
| Contacts for | DIN 41612 Type M-flat |
| | har-modular [®] M-flat module, female, straight |
| | |
| Version | |
| Termination method | PCB solder termination |
| Gender | Male contact for female connectors |
| Connection type | Motherboard to daughtercard |
| | Mezzanine 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 | >26 dB @ 1 GHz >23 dB @ 2 GHz >22 dB @ 4 GHz >22 dB @ 6 GHz |
|----------------------------------|----------------------------------------------------------------------|
| | >22 dB @ 10 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 | 10 GHz |
| | |

Material properties

| Material (contacts) | Copper alloy |
|--------------------------------------|--------------------------------------------------------|
| Surface (contacts) | Noble metal over Ni Mating side |
| Material (locking) | Thermoplastic |
| 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 | 1 g |
| Country of origin | Germany |

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Commercial data

| European customs tariff number | 85366990 |
|--------------------------------|--------------------------------------------|
| GTIN | 5713140004023 |
| ETIM | EC000796 |
| eCl@ss | 27440204 Contact for industrial connectors |

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