

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
Contacts for	har-modular [®] M-flat module, female, straight
Version	
Termination method	PCB solder termination
Gender	Male contact for female connectors
	Motherboard to daughtercard
Connection type	Mezzanine
Mary factorian anno 1	PCB to cable
Manufacturing process	
Manufacturing process Technical characteristics	PCB to cable
	PCB to cable
Technical characteristics	PCB to cable Turned contacts
Technical characteristics Rated current	PCB to cable Turned contacts ≤1.5 A >10 ⁹ Ω ≤10 mΩ for inner contact die
Technical characteristics Rated current Insulation resistance Contact resistance	PCB to cable Turned contacts $\leq 1.5 \text{ A}$ $> 10^9 \Omega$ $\leq 10 \text{ m}\Omega$ for inner contact die $\leq 3 \text{ m}\Omega$ for outer ferrule
Technical characteristics Rated current Insulation resistance	PCB to cable Turned contacts ≤1.5 A >10 ⁹ Ω ≤10 mΩ for inner contact die

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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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