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
Contact resistance	≤10 mΩ for inner contact die ≤3 mΩ for outer ferrule

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Technical characteristics

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	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	no requirements (flammable mass < 10g)

Specifications and approvals

Specifications	DIN 41626

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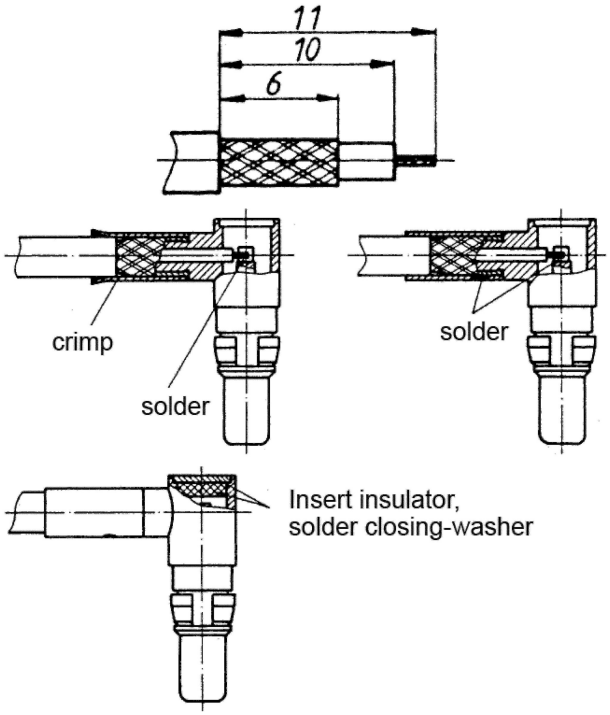
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Commercial data

Packaging size	100
Net weight	2.383 g
Country of origin	Hungary
European customs tariff number	85366990
GTIN	5713140003972
eCl@ss	27440204 Contact for industrial connectors
ETIM	EC000796
UNSPSC 24.0	39121522

Assembly instructions



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