Pushing Performance
Since 1945

DIN-Signal coax m, solder/crimp, 75Ohm

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

Part number	09 03 000 6181
Specification	DIN-Signal coax m, solder/crimp, 75Ohm
HARTING eCatalogue	https://b2b.harting.com/09030006181

Identification

Category	Contacts
Series	DIN 41612
Type of contact	Coaxial contact
Description of the contact	Straight
Contacts for	DIN 41612 Type M DIN 41612 Type M invers DIN 41612 Type MH 21+5 DIN 41612 Bauform M 0+2 har-modular® M module, female, straight
Features	lead-free

Version

Termination method	Solder/crimp termination
Gender	Male contact for female connectors
Manufacturing process	Turned contacts

Technical characteristics

Rated current	≤0.4 A
Rated voltage	250 V
Insulation resistance	$>10^9$ Ω
Contact resistance	≤10 mΩ for inner contact die ≤3 mΩ for outer ferrule
Impedance	75 Ω
Limiting temperature	-55 ... +125 °C

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Technical characteristics

Return loss	>19 dB @ 1 GHz >14 dB @ 2 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	2 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	40
Net weight	33.84 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140004016

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