

DIN-Signal coax f, solder-50Ohm



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	Straight
Contacts for	DIN 41612 Type M invers

Version

Termination method	Solder termination
Termination method	PCB solder termination
Gender	Female contact for male connectors
Connection type	Motherboard to daughtercard Mezzanine PCB to cable
Manufacturing process	Turned contacts

Technical characteristics

Insulation resistance	$>10^9 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$ for inner contact die $\leq 3 \text{ m}\Omega$ for outer ferrule
Impedance coaxial	50 Ω
Limiting temperature	-55 ... +125 °C
Insertion force	$\leq 10 \text{ N}$
Withdrawal force	$\geq 1 \text{ N}$
Performance level	1

Technical characteristics

Mating cycles	≥500
Test voltage U _{r.m.s.}	0.75 kV

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	ecef7555-f643-4ceb-a337-fc54762297f1
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

Specifications and approvals

Specifications	DIN 41626
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Commercial data

Packaging size	300
Net weight	1.95 g
Country of origin	Czechia
European customs tariff number	85366990
GTIN	5713140004177
eCl@ss	27440204 Contact for industrial connectors
ETIM	EC000796
UNSPSC 24.0	39121522

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