Pushing Performance
Since 1945

DSUB FE STR SOLDER CONTACT 50 OHMS COAX

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

Part number	09 69 181 5141
Specification	DSUB FE STR SOLDER CONTACT 50 OHMS COAX
HARTING eCatalogue	https://harting.com/09691815141

Identification

Category	Contacts
Series	D-Sub
Identification	Mixed
Type of contact	Coaxial contact
Description of the contact	Straight for cables RG 178 BU, 196 AU, 404 U
Features	Outer ferrule: crimp in tool cavity C

Version

Termination method	Solder termination
Termination method	Solder/crimp termination
Gender	Female
Manufacturing process	Turned contacts

Technical characteristics

Rated current	≤2 A
Insulation resistance	$>10^9$ Ω
Contact resistance	2.7 mΩ for inner contact die 2.7 mΩ for outer ferrule
Impedance coaxial	50 Ω
Stripping length	3 mm for inner contact die 5 mm Shielding 9.5 mm cable jacket
Limiting temperature	-55 ... +135 °C

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Technical characteristics

Insertion force	≤7 N
Withdrawal force	≤7 N
Performance level	NM 30 (S4) 1
Mating cycles	≥500
Test voltage $U_{r.m.s.}$	0.75 kV @ 50 Hz
Frequency	0 ... 2 GHz

Material properties

Material (contacts)	Copper alloy PBFE / PBTP / PI
Surface (contacts)	Noble metal over Ni
Layer thickness	≥0.76 µm
Layer thickness	≥30 µinch
Material (locking)	Copper alloy
RoHS	compliant with exemption
RoHS exemptions	6(a)-I: Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight 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 Nickel

Commercial data

Packaging size	20
Net weight	2.135 g
Country of origin	Czechia
European customs tariff number	85366990
GTIN	5713140096660

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eCl@ss	27440204 Contact for industrial connectors
ETIM	EC000796
UNSPSC 24.0	39121522

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