



Pushing Performance
Since 1945

D SUB MIXED FE 20A PL3 solder power cont



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

Part number	09 69 181 7821
Specification	D SUB MIXED FE 20A PL3 solder power cont
HARTING eCatalogue	https://b2b.harting.com/09691817821

Identification

Category	Contacts
Series	D-Sub
Identification	Mixed
Type of contact	Solder contact
Description of the contact	Straight Short version

Version

Termination method	Solder termination
Gender	Female
Manufacturing process	Turned contacts

Technical characteristics

Conductor cross-section	2.5 ... 4 mm ²
Conductor cross-section	AWG 14 ... AWG 12
Rated current	≤20 A
Contact resistance	≤1 mΩ
Stripping length	4.5 mm
Limiting temperature	-55 ... +155 °C
Insertion force	≤7 N
Withdrawal force	≈5 N
Performance level	3



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Technical characteristics

Mating cycles	≥50
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Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side Sn over Ni Termination 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 Nickel

Commercial data

Packaging size	100
Net weight	1.592 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140096929
ETIM	EC000796
eCI@ss	27440204 Contact for industrial connectors