



Pushing Performance
Since 1945

D SUB MIXED FE 20A_SHORT_S4 solder power



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

Part number	09 69 181 5821
Specification	D SUB MIXED FE 20A_SHORT_S4 solder power
HARTING eCatalogue	https://harting.com/09691815821

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
Termination method	Solder termination
Gender	Female
Manufacturing process	Turned contacts

Technical characteristics

Conductor cross-section	2.5 ... 4 mm ²
Conductor cross-section [AWG]	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	NM 30 (S4) 1



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Technical characteristics

Mating cycles ≥ 500

Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni
Layer thickness	$\geq 0.76 \mu\text{m}$
Layer thickness	$\geq 30 \mu\text{inch}$
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	1.508 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140096806
eCl@ss	27440204 Contact for industrial connectors
ETIM	EC000796
UNSPSC 24.0	39121522