Pushing Performance

M12-PCB-SMT-2PC-8P-XCOD-F-STR-SHLD

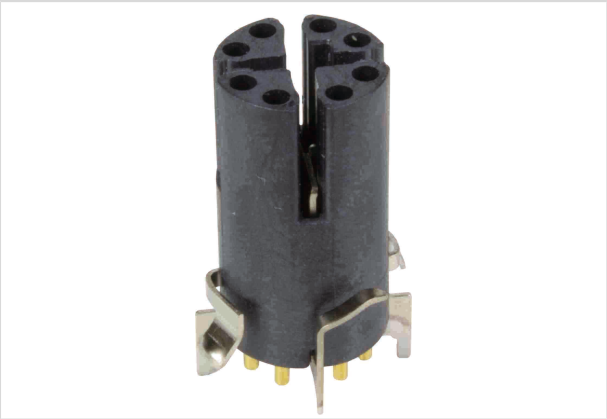


Image is for illustration purposes only. Please refer to product description.

Part number	21 03 381 2820
Specification	M12-PCB-SMT-2PC-8P-XCOD-F-STR-SHLD
HARTING eCatalogue	https://b2b.harting.com/21033812820

Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight

Version

Termination method	Reflow soldering termination (SMT)
Gender	Female
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Details	Order housings separately

Technical characteristics

Rated current	0.5 A
Rated voltage	48 V
Pollution degree	3
Transmission characteristics	Cat. 6_A Class E_A up to 500 MHz
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Insulation resistance	$>10^8$ Ω

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Technical characteristics

Ambient temperature	-40 ... +85 °C
Mating cycles	≥100

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
Material flammability class acc. to UL 94	V-0
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	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel Lead

Specifications and approvals

Specifications	IEC 61076-2-109

Commercial data

Packaging size	25
Net weight	2 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)

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