

LP Adpt. har-speed M12 8pol. female



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

Part number	21 03 381 2801
Specification	LP Adpt. har-speed M12 8pol. female
HARTING eCatalogue	https://b2b.harting.com/21033812801

Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Locking type	Screw locking

Technical characteristics

Rated current	0.5 A
Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Transmission characteristics	Cat. 6A Class E _A up to 500 MHz
Overvoltage category	III



Pushing Performance
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Technical characteristics

Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	2 Nm Lock nut
Limiting temperature	-40 ... +85 °C
Mating cycles	≥ 100
Degree of protection acc. to IEC 60529	IP67
Isolation group	I ($600 \leq \text{CTI}$)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Zinc die-cast
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained

Specifications and approvals

Specifications	IEC 61076-2-109
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Commercial data

Packaging size	10
Net weight	12.32 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140138209



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ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)