

# M12-PP-PCB-THR-2PC-8P-XCOD-F-ANG-SHLD



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

Part number	21 03 381 4860
Specification	M12-PP-PCB-THR-2PC-8P-XCOD-F-ANG-SHLD
HARTING eCatalogue	<a href="https://harting.com/21033814860">https://harting.com/21033814860</a>

## Identification

Category	Connectors
Series	Circular connectors M12
Identification	PushPull
Element	PCB adapter
Specification	Angled incl. housing for front mounting

## Version

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

## 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 <sub>A</sub> up to 500 MHz
Overvoltage category	III



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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	$\geq 100$
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Isolation group	IIIa ( $175 \leq \text{CTI} < 400$ )

## 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
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
	Nickel

## Specifications and approvals

Specifications	IEC 61076-2-109
	IEC 61076-2-010
UL / CSA	UL 1977 ECBT2.E102079
	CSA-C22.2 No. 182.3 ECBT8.E102079



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## Commercial data

Packaging size	1
Net weight	20 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140228320
eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637
UNSPSC 24.0	39121415