

## M12 CAT6a Bu gewinkelt



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

Part number	21 03 381 4806
Specification	M12 CAT6a Bu gewinkelt
HARTING eCatalogue	<a href="https://b2b.harting.com/21033814806">https://b2b.harting.com/21033814806</a>

### Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
Specification	Angled

### Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Details	Order housings separately
Pack contents	30 pieces in a tray

### Technical characteristics

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



Pushing Performance

## 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	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C
Mating cycles	$\geq 100$
Isolation group	IIIa ( $175 \leq \text{CTI} < 400$ )

## Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e

## Specifications and approvals

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

## Commercial data

Packaging size	30
Net weight	18.57 g
Country of origin	Romania
European customs tariff number	85444995



Pushing Performance

## Commercial data

eCl@ss

27460201 PCB connector (board connector)