

## M12 CAT6a receptacle angled rear



Part number	21 03 381 4807
Specification	M12 CAT6a receptacle angled rear
HARTING eCatalogue	<a href="https://b2b.harting.com/21033814807">https://b2b.harting.com/21033814807</a>

### Identification

Category	Connector
Series	Circular connectors M12
Element	PCB adapter
Specification	Angled incl. housing for rear mounting
Description of hood/ housing	Short

### Version

Termination method	Reflow soldering termination (THR/SMC)
Gender	Female
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Pack contents	Packaging: 30 pieces incl. housing

### Technical characteristics

Rated current	0.5 A
Rated voltage	50 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	$\geq 10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C -5 ... +50 °C During connection
Mating cycles	$\geq 100$
Degree of protection acc. to IEC 60529	IP67
Transmission characteristics	Cat. 6A Class E <sub>A</sub> up to 500 MHz
Overvoltage category	III



Pushing Performance

## Technical characteristics

Isolation group I ( $600 \leq CTI$ )

## Material properties

Material (insert)	LCP
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6c: 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

## Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079
	CSA-C22.2 No. 182.3 ECBT8.E102079

## Commercial data

Packaging size	1
Net weight	17.9 g
Country of origin	Germany
European customs tariff number	85444290

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