

## M12 Cat6A receptacle angl. female back



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

Part number	21 03 381 4809
Specification	M12 Cat6A receptacle angl. female back
HARTING eCatalogue	<a href="https://b2b.harting.com/21033814809">https://b2b.harting.com/21033814809</a>

### Identification

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

### Version

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

### Technical characteristics

Rated current	0.5 A
Rated voltage	50 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C
Tightening torque	2 Nm Lock nut



Pushing Performance

## Technical characteristics

Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 when mated
Transmission characteristics	Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz
Overvoltage category	III
Isolation group	I (600 ≤ CTI)

## Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Zinc die-cast
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

## 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	1
Net weight	27.5 g
Country of origin	Romania
European customs tariff number	85389099
eCl@ss	27440402 PCB connector