

## M12 CAT5 receptacle straight



Part number	21 03 381 2807
Specification	M12 CAT5 receptacle straight
HARTING eCatalogue	https://b2b.harting.com/21033812807

### Identification

Category	Connector
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight

#### Version

Termination method	Reflow soldering termination (THR/SMC)
Gender	Female
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Details	Order housings separately

#### **Technical characteristics**

Rated current	0.5 A
Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Insulation resistance	> 10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Ambient temperature	-40 +85 °C
Mating cycles	≥100
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III

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#### Technical characteristics

Isolation group	I (600 ≤ CTI)
Material properties	
Material properties	
Material (insert)	LCP
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
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

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

## Commercial data

Packaging size	60
Net weight	9.41 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440402 PCB connector

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