

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	$> 10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C
Mating cycles	≥ 100
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III



Pushing Performance

Technical characteristics

Isolation group	I (600 ≤ CTI)
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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