

# M12 CAT5 Bu gerade HWM



Part number	21 03 381 2809
Specification	M12 CAT5 Bu gerade HWM
HARTING eCatalogue	https://b2b.harting.com/21033812809

#### Identification

Category	Connector
Series	Circular connectors M12
Element	PCB adapter
	Straight
Specification	Straight incl. housing
Specification	-

#### Version

Termination method	Reflow soldering termination (THR/SMC)
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	0.8 kV
Pollution degree	3
Insulation resistance	> 10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Ambient temperature	-40 +85 °C

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### Technical characteristics

Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP67
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III
Isolation group	I (600 ≤ 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

eCl@ss

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	18.7 g
Country of origin	Germany

27440402 PCB connector

European customs tariff number 85389099

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