

M12 Cat6A Bu gerade HWM



Part number	21 03 381 2811
Specification	M12 Cat6A Bu gerade HWM
HARTING eCatalogue	https://b2b.harting.com/21033812811

Identification

Category	Connector
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight incl. housing for rear mounting
Description of hood/ housing	9 mm

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	$\geq 10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C -5 ... +50 °C During connection
Mating cycles	≥ 100
Degree of protection acc. to IEC 60529	IP67
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz
Overvoltage category	III



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	60
Net weight	26.6 g
Country of origin	Germany
European customs tariff number	85389099