

M12 PCB receptacle male a-coded 8pol.



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

Part number	21 03 321 1818
Specification	M12 PCB receptacle male a-coded 8pol.
HARTING eCatalogue	https://b2b.harting.com/21033211818

Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight

Version

Termination method	Reflow soldering termination (THR)
Gender	Male
Shielding	Shielded
Number of contacts	8
Coding	A-coding
Details	Order housings separately
Pack contents	60 pieces in a tray

Technical characteristics

Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C



Pushing Performance

Technical characteristics

Mating cycles	≥100
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
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 61076-2-101
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079

Commercial data

Packaging size	1
Net weight	9.3 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)