

M12 PCB receptacle female a-coded 8pol.



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

Part number	21 03 321 2818
Specification	M12 PCB receptacle female a-coded 8pol.
HARTING eCatalogue	https://harting.com/21033212818

Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
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	$\leq 10 \text{ m}\Omega$
Limiting temperature	-40 ... +85 °C



Pushing Performance
Since 1945

Technical characteristics

Mating cycles	≥100
Isolation group	I ($600 \leq CTI$)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
Material flammability class acc. to UL 94	V-0
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	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
	Nickel
	Naphthalene
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-2-101
----------------	-----------------

Commercial data

Packaging size	60
Net weight	9 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140137806
ETIM	EC002637



Pushing Performance
Since 1945

Commercial data

eCl@ss

27460201 PCB connector (board connector)