



Pushing Performance  
Since 1945

# M12 PCB receptacle female a-coded 4pol.



Part number	21 03 321 2418
Specification	M12 PCB receptacle female a-coded 4pol.
HARTING eCatalogue	<a href="https://b2b.harting.com/21033212418">https://b2b.harting.com/21033212418</a>

## 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	4
Coding	A-coding
Details	Order housings separately
Pack contents	60 pieces in a tray

## Technical characteristics

Rated current	4 A
Rated voltage	250 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
Mating cycles	$\geq 100$



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## Technical characteristics

Isolation group I (600 ≤ 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
UL / CSA	UL 1977 ECBT2.E102079
	CSA-C22.2 No. 182.3 ECBT8.E102079

## Commercial data

Packaging size	60
Net weight	3.28 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140228054
ETIM	EC002637



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## Commercial data

eCl@ss

27460201 PCB connector (board connector)