

## M12 PCB receptacle female b-coded 5pol.



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

Part number	21 03 341 2518
Specification	M12 PCB receptacle female b-coded 5pol.
HARTING eCatalogue	<a href="https://harting.com/21033412518">https://harting.com/21033412518</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	5
Coding	B-coding
Details	Order housings separately
Pack contents	60 pieces in a tray

### Technical characteristics

Rated current	4 A
Rated voltage	50 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



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## 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
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
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	8 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140137974
eCl@ss	27460201 PCB connector (board connector)



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ETIM	EC002637
UNSPSC 24.0	39121415