

## PCB receptacle M L-cod (60pcs) W/O FE



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

### Identification

Category	Connectors
Series	Circular connectors M12
Identification	Power
Element	PCB adapter
Specification	Straight

### Version

Termination method	Reflow soldering termination (THR)
Gender	Male
Shielding	Shielded
Number of contacts	4
Coding	L-coding
Details	Order housings separately
Pack contents	60 pieces in a tray

### Technical characteristics

Rated current	16 A
Rated voltage	63 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$

## Technical characteristics

Limiting temperature -40 ... +85 °C

Mating cycles ≥100

Isolation group I (600 ≤ CTI)

## Material properties

Material (insert) Polyamide (PA)

Colour (insert) Black

Material (contacts) Copper alloy

Surface (contacts) Au over Ni Mating side

Material flammability class acc. to UL 94 V-0

RoHS compliant

ELV status compliant

China RoHS e

REACH Annex XVII substances Not contained

REACH ANNEX XIV substances Not contained

REACH SVHC substances Not contained

Fire protection on railway vehicles EN 45545-2 (2020-08) + A1 (2023-10)

Requirement set with Hazard Levels R26

## Specifications and approvals

Specifications IEC 61076-2-111

UL / CSA UL 1977 ECBT2.E102079  
CSA-C22.2 No. 182.3 ECBT8.E102079

PROFINET Yes

## Commercial data

Packaging size 60

Net weight 10 g

Country of origin Romania

European customs tariff number 85366990

GTIN 5713140228429

eCl@ss 27460201 PCB connector (board connector)

ETIM EC002637

## Commercial data

UNSPSC 24.0

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