

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



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

Part number	21 03 396 1506
Specification	PCB receptacle M L-cod (60pcs) W/O FE
HARTING eCatalogue	<a href="https://b2b.harting.com/21033961506">https://b2b.harting.com/21033961506</a>

### 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	$\leq 10 \text{ m}\Omega$



Pushing Performance

## Technical characteristics

Ambient 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)	Gold plated
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

## Specifications and approvals

Specifications	IEC 61076-2-111
PROFINET	Yes

## Commercial data

Packaging size	60
Net weight	12.8 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)

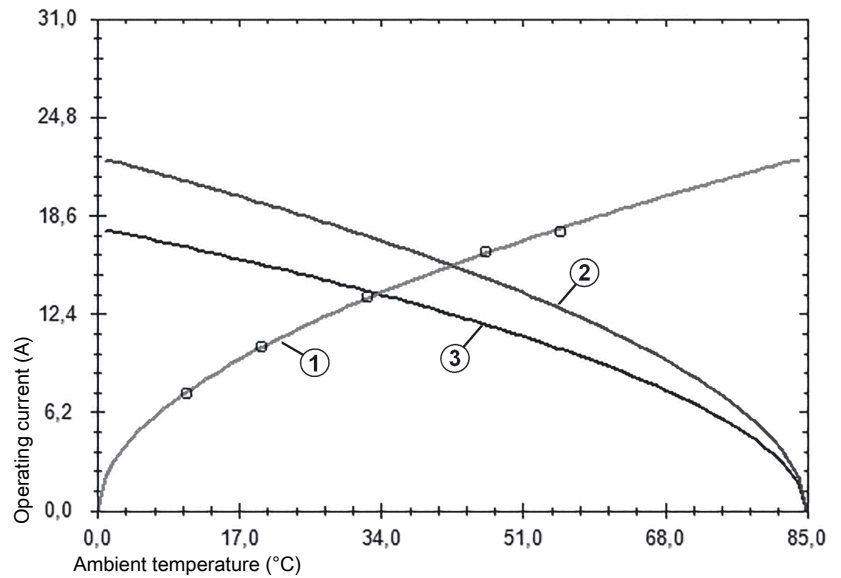


Pushing Performance

### Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Heating
  - ② Derating curve
  - ③ Derating curve 80%
- Conductor cross-section 1.5 mm<sup>2</sup>