

## M12 PCB receptacle female d-coded 4pol.



Part number	21 03 381 2418
Specification	M12 PCB receptacle female d-coded 4pol.
HARTING eCatalogue	<a href="https://b2b.harting.com/21033812418">https://b2b.harting.com/21033812418</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	D-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	2.5 kV
Pollution degree	3
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C
Mating cycles	$\geq 100$
Transmission characteristics	Cat. 5 Class D up to 100 MHz



Pushing Performance

## Technical characteristics

Overvoltage category	III
Isolation group	I ( $600 \leq CTI$ )

## Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

## Specifications and approvals

Specifications	IEC 61076-2-101
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
PROFINET	Yes

## Commercial data

Packaging size	60
Net weight	10.23 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440402 PCB connector