

M12 PCB receptacle female a-coded 8pol.



Part number	21 03 321 2818
Specification	M12 PCB receptacle female a-coded 8pol.
HARTING eCatalogue	https://b2b.harting.com/21033212818

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	8
Coding	A-coding
Details	Order housings separately
Pack contents	60 pieces in a tray

Technical characteristics

Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C
Mating cycles	≥ 100
Overvoltage category	III



Pushing Performance

Technical characteristics

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
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Commercial data

Packaging size	60
Net weight	11.11 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440402 PCB connector