

# PCB receptacle male back A-cod 8-pole



Part number	21 03 321 1830
Specification	PCB receptacle male back A-cod 8-pole
HARTING eCatalogue	https://harting.com/21033211830

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

## Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
	Straight
Specification	incl. housing
	for rear mounting

# Version

Termination method	Reflow soldering termination (THR)
Gender	Male
Shielding	Shielded
Number of contacts	8
Coding	A-coding
Locking type	Screw locking

# **Technical characteristics**

Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Dellution de mos	2
Pollution degree	3
Overvoltage category	
Over voltage category	
Inculation registeres	19 <sup>8</sup> 0
Insulation resistance	>10 <sup>8</sup> Ω
O and a standard and a	410 m Q
Contact resistance	≤10 mΩ
Tightening torque	2 Nm Lock nut

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#### **Technical characteristics**

Limiting temperature	-40 +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Isolation group	I (600 ≤ CTI)

## Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Zinc die-cast
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	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)
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	1
Net weight	25 g
Country of origin	Romania

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#### Commercial data

European customs tariff number	85366990
GTIN	5713140137745
eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637
UNSPSC 24.0	39121415

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