

# PCB receptacle female front A-cod 8-pole



Part number	21 03 321 2831
Specification	PCB receptacle female front A-cod 8-pole
HARTING eCatalogue	https://b2b.harting.com/21033212831

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

### Version

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

#### Technical characteristics

Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Tightening torque	2 Nm Lock nut
Limiting temperature	-40 +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Isolation group	I (600 ≤ CTI)

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# 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 ANNEX XIV substances REACH SVHC substances	Not contained Yes
REACH SVHC substances	Yes 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
REACH SVHC substances  REACH SVHC substances	Yes 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead
REACH SVHC substances  REACH SVHC substances  ECHA SCIP number	Yes 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead be45dcda-0f90-459a-a8bc-78fb7986a295
REACH SVHC substances  REACH SVHC substances  ECHA SCIP number  California Proposition 65 substances	Yes 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead be45dcda-0f90-459a-a8bc-78fb7986a295 Yes Lead Nickel
REACH SVHC substances  REACH SVHC substances  ECHA SCIP number  California Proposition 65 substances  California Proposition 65 substances	Yes  6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead be45dcda-0f90-459a-a8bc-78fb7986a295  Yes  Lead Nickel Naphthalene

# Specifications and approvals

Specifications	IEC 61076-2-101

### Commercial data

Packaging size	1
Net weight	26.25 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140137820
eCl@ss	27460201 PCB connector (board connector)

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