

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

Identification

Category	Connector
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight

Version

Termination method	Reflow soldering termination (THR/SMC)
Gender	Female
Shielding	Shielded
Number of contacts	8
Coding	A-coding

Technical characteristics

Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	$\geq 10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C -5 ... +50 °C During connection
Mating cycles	≥ 100
Degree of protection acc. to IEC 60529	IP67
Overvoltage category	III
Isolation group	I ($600 \leq \text{CTI}$)

Material properties

Material (insert)	LCP
Material (contacts)	Copper alloy



Pushing Performance

Material properties

Surface (contacts)	Gold plated
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6c: 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

Commercial data

Packaging size	60
Net weight	27.25 g
Country of origin	Germany
Customs tariff number	85366990