Pushing Performance
Since 1945

Gerätebuchse M12-A-kod.IP20

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

Part number	21 03 321 6510
Specification	Gerätebuchse M12-A-kod.IP20
HARTING eCatalogue	https://harting.com/21033216510

Identification

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

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Shielding	Shielded
Number of contacts	5
Coding	A-coding
Locking type	Screw locking

Technical characteristics

Rated current	4 A
Rated voltage	60 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	$>10^8$ Ω
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	IP20
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Polyamide (PA)
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	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-2-101

Commercial data

Packaging size	10
Net weight	19.1 g
Country of origin	Romania
European customs tariff number	85366990

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Commercial data

GTIN	5713140137851
eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637
UNSPSC 24.0	39121415

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