

MPP-CC-CRP-T1-2P-M-P-STR



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

Part number	09 51 122 0001
Specification	MPP-CC-CRP-T1-2P-M-P-STR
HARTING eCatalogue	https://harting.com/09511220001

Identification

Category	Connectors
Series	HARTING Mini PushPull
Identification	HARTING T1 Industrial
Element	Connector sets

Version

Termination method	Crimp termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	2
further contacts	+ shielding
Locking type	PushPull
Details	Please order crimp contacts separately.

Technical characteristics

Conductor cross-section	0.08 ... 0.32 mm ² Stranded
Conductor cross-section [AWG]	AWG 28/7 ... AWG 22/7 Stranded
Wire outer diameter	≤2 mm
Rated current	1.5 A
Rated voltage	60 V DC
Transmission characteristics	4 GHz



Pushing Performance
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Technical characteristics

Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Contact resistance	≤20 mΩ
Shielding resistance	≤100 mΩ
Limiting temperature	-40 ... +70 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 / IP67
Cable diameter	4.5 ... 6 mm
Test voltage U _{DC}	1 kV (contact-contact)
	2.25 kV (contact-ground)

Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Polybutylene terephthalate (PBT) / PA66
Colour (hood/housing)	Black
Material (seal)	HNBR / NBR
Colour (seal)	Black
Material (locking)	Polybutylene terephthalate (PBT)
Material (adapter)	Polyamide (PA)
Colour (adapter)	Black
Material (security clip)	Polybutylene terephthalate (PBT)
Colour (security clip)	Yellow
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel



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Material properties

Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 63171-6
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Commercial data

Packaging size	1
Net weight	28.43 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140570672
ETIM	EC002636
eCl@ss	27440114 Rectangular connector (for field assembly)