



The image has the only illustrative purpose and it is purely indicative, it may not fully reflect the product configuration.

## Micro Socket Connector 2p Overmolded L2 m IP68

Code: **THC.381.B2A.L2**



Potential improvements of the product and modifications of the technical data contained in this document can be made without notice.

### GENERAL INFORMATION

<b>Type of installation</b>	Plug and Socket connector
<b>Product configuration</b>	Socket connector
<b>Locking mechanism</b>	Push Pull
<b>Colour</b>	Black (Plastic components) - Techno green / Black (Rubber components)
<b>Overall dimensions (mm)</b>	Ø 14.0

## ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	10A AC/DC
Voltage rating (AC/DC)	500V AC (3V-60V DC)
Double insulated (Class II)	250V
Impulse withstand voltage	4kV
No. poles	2
Marking	1-2

## ENVIRONMENT CONDITIONS

IP rating	IP68
Salt Mist	Salt mist test : EN60068-2-11:2000
Mating cycles	100 cycles
Ambient temperature MIN/MAX (According to EN61984/EN60998)	-40°C/+100°C
Operating temperature MAX	+60°C
Proof Tracking Index (PTI)	PTI 175

## CABLE INFORMATION

Type of cable assembly	Overmolded
Type of cable	H05RN-F
Colour of external cable sheath	Black
Configuration type on cable end 1	Socket
Configuration type on cable end 2	Free end
Cable length (m)	2.00
Multi-stranded conductor cross-section (mm <sup>2</sup> )	0.75
Cable sheath stripping length (mm)	20.00
Conductor stripping length (mm)	10.00
Cable shielding	No

## MATERIALS

Connector	PA66 GF UL94 V0
O Rings	TPE
Gaskets	TPE
Impulse withstand category	II
Pollution degree	2
Material property	Halogen Free - Silicone Free
Contacts	Brass

## COMMERCIAL DATA

Packing method	Bulk packed ( OEM )
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Type of packaging	Box
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Pieces/box (pcs)	200
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Overall dimensions of box (mm)	400 x 400 x 230
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Country of origin	ITALY
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## APPROVALS

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## CAD FILES

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## MARKETING DOCUMENTS

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