



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

## Micro Plug Connector 2p Overmolded L1 m IP68

Code: **THC.381.A2A.L1**



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>	Plug 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	Plug
Configuration type on cable end 2	Free end
Cable length (m)	1.00
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 )
Type of packaging	Box
Pieces/box (pcs)	200
Overall dimensions of box (mm)	400 x 400 x 230
Country of origin	ITALY

## APPROVALS

Please login to access this data.

## DRAWINGS

### Drawings:

File	Type	Size
 <a href="#">THC.381.A2A.L1.pdf</a>	PDF	403.15 KB

## CAD FILES

Please login to access this data.

## MARKETING DOCUMENTS

Please login to access this data.