



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 L0.5 m IP68

Code: **THC.381.A2A.L05**



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

GENERAL INFORMATION

Type of installation	Plug and Socket connector
Product configuration	Plug connector
Locking mechanism	Push Pull
Colour	Black (Plastic components) - Techno green / Black (Rubber components)
Overall dimensions (mm)	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)	0.50
Multi-stranded conductor cross-section (mm ²)	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
 THC.381.A2A.L05.pdf	PDF	404.57 KB

CAD FILES

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MARKETING DOCUMENTS

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