



All dimensions are in mm; tolerances according to ISO 2768 m-H

Component

Powersystem Port 12V for use with

Magcode Powersystem Clip 12V
Magcode Powersystem Clip 12V
Magcode spring loaded cover

M2K201-1AE
M2K207-1AE
M2Z101-3XX

Documents

Assembly instruction
Handling instruction

MA_M2V001
HI_005

Material and plating

Connector parts

Housing
Spacer (2x)
Nut
Pins interface area
Pins cable side

Material
PBT ASA GF20
PBT ASA GF20
PBT ASA GF20
Cu / AgNi
Cu / AgNi

Plating
none
none
none
none
none

Preliminary

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RF_35/09;14/6.2



Electrical data

Connection Technology 6,3 mm flat connector tin plated
 Rated voltage 12 V DC
 Max current load 15 A at 70° C

Mechanical data

Locking mechanism magnetic
 Mounting cut-out ø 28 mm (M28)
 Duty cycles without load > 10.000 cycles
 Duty cycles at 15 A 4.000 cycles
 Vibration resistance 3 axes, 8h, 5Hz-200Hz, 8,5 m/s²
 Shock resistance 3 axes, 13.000 shocks, 11 ms. 30g

Environmental data

Temperature range -40° C to +105° C
 Dust and water resistance (front side) IP6K9K
 Dust and water resistance (connection side) IP5K0
 RoHS compliant

Packing

Standard bulk
 Weight 29,5 g/pce

Preliminary

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
J. Hegenauer	14.04.16	D. Salmen	07.09.17	200	17-1427	M.Steinbach	07.09.17

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