



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/s<sup>2</sup>  
 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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