



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

**Component**

Powersystem Port 12V for use with

Magcode Powersystem CLip 12V  
MagCode spring loaded cover

M2K201-1AE  
M2Z101-3xx

**Documents**

Assembly instruction

MA\_M2V001

**Material and plating**

**Parts**

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

**Material**

PBT ASA GF20  
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CuZn37  
CuZn37

**Plating**

none  
none  
none  
Ag, 10µm  
Ag, 10µm



**Electrical data**

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

**Mechanical data**

Locking mechanism with port M2S101-3xx magnetic  
 Mounting cut-out Ø 28mm (M28)  
 Duty cycles without load > 10000 cycles  
 Duty cycles at 15A 4000 cycles  
 Vibration resistance 3 axes, 8h, 5Hz-200Hz, 8,5m/s<sup>2</sup>  
 Shock resistance 3 axes, 13000 shocks, 11ms. 30g

**Environmental data**

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

**Packing**

Standard Bulk  
 Weight ~ 27,7g

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
Axel Botsch	30/07/09	Rainer Bippus	29/10/09	a00	09-0357	Rainer Bippus	19/06/09

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