



All dimensions are in mm

**Component**

Powersystem Port 12V for use with

Magcode Powersystem Clip 12V  
Magcode spring loaded cover

M2K211-1AE  
M2Z101-3XX

**Documents**

Assembly instruction  
Handling instruction  
Panel piercing

MA\_M2V001  
HI\_005  
MB\_612

**Material and plating**

**Connector parts**

Housing  
Spacer (2x)  
Nut  
Contact surface (interface)  
Contact surface (cable outlet)

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

**Plating**

none  
none  
none  
none  
none

**Preliminary**



**Electrical data**

Connection Technology 6,3 mm flat connector tin plated  
 Rated voltage 12 V DC  
 Max current load 15 A at 60° 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 (interface) IP6K9K  
 Dust and water resistance (cable outlet) 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	C. Biermann	10.11.21	300	21-2086	S. Höglauer	10.11.21