



loose attached

All dimensions are in mm

**Component**

Powersystem Clip12V for use with

Magcode Powersystem Port 12V

- M2S111-3XX
- M2S114-3XX
- M2S117-3XX
- M2S119-3XX
- M2S120-3XX

**Documents**

Assembly instruction

MA\_M2V001

**Material and plating**

**Parts**

Housing  
Pins interface area

**Material**

PBT-I-GF30  
CuZn37

**Plating**

none  
Ag

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**Electrical Data**

Rated voltage 12 V DC  
Max current load 15 A at +60° C

**Suitable cables**

max 1.5mm<sup>2</sup>

**Mechanical Data**

Locking mechanism magnetic  
Mating cycles without load > 10000 cycles  
Mating 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  
Weight ~ 31.5g

**Environmental Data**

Temperature range -40°C to +105°C  
Dust and water resistance not connected IP40  
Dust and water resistance clip on port IP40

**Packing**

Standard Bulk

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
N. Naus	19.12.18	C. Biermann	10.11.21	300	21-2476	B. Kranepuhl	16.02.22

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