



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

**Component**

Powersystem Clip12V Pro for use with      Magcode Powersystem Port 12V Pro      M2S103-3XX

**Documents**

Assembly instruction      MA\_M2V002

**Material and plating**

**Parts**

Housing  
Pins interface area

**Material**

PBT ASA GF20  
AgCu3

**Plating**

none  
none

**Electrical data**

Connection Technology      screw type max. 2.5mm<sup>2</sup> wire cross section  
Rated voltage      12 V DC  
Max current load      25 A at +70° C

PowerSystem M2K203-1AE



POWERSYSTEM  
CLIP 12V PRO

**Mechanical data**

Locking mechanism with port M2S101-3xx magnetic  
 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 not connected IP40  
 Dust and water resistance clip on port IP42

**Packing**

Standard Bulk  
 Weight ~ 32,5g

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	W_Lankes	21/09/11	c00	11-s239	L_Perschl	21/09/11

Rosenberger Hochfrequenztechnik GmbH & Co. KG  
 P.O.Box 1260 D-84526 Tittmoning Germany  
[www.rosenberger.de](http://www.rosenberger.de)

Tel.: +49 8684 18-0  
 Fax: +49 8684 18-499  
 email: [info@rosenberger.de](mailto:info@rosenberger.de)

Page  
2 / 2

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