



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 1.5mm²

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/s²
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