



All dimensions are in mm

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

Rated voltage 12 V DC
Max current load 25 A at +70° C

Suitable cables

max 2.5mm²

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 ~ 32,5g

Environmental data

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

Packing

Standard Bulk

Change History

rev.	Date	Change
d00	29.09.20	- IP40 - Tolerances adjusted

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
A. Botsch	30.07.09	C. Biermann	29.09.20	d00	20-1867	N. Naus	29.09.20