



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

Component

Powersystem Clip12V for use with

Magcode Powersystem Port 12V

M2S101-3xx

Documents

Assembly instruction

MA_M2V001

Material and plating

Parts

Housing
Pins interface area

Material

PBT ASA GF20
CuZn37

Plating

none
Ag, 20µm

PowerSystem

M2K201-1AE



POWERSYSTEM
CLIP 12V

Electrical Data

Connection Technology screw type max. 1.5mm² wire cross section
 Rated voltage 12 V DC
 Max current load 15 A at +70° C

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/s²
 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 ~ 29,1g

Change History

Rev.	Date	Change
a01	27.09.2018	- added new logo: Rosenberger

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	R. Senf	27.09.18	a01	18-1469	M. Mamou	27.09.18