



All dimensions are in mm



Component

Powersystem Port 12V Pro for use with

Magcode Powersystem Clip 12V Pro
Magcode spring loaded cover

M2K203-1AE
M2Z101-3XX

Documents

Assembly instruction
Panel piercing

MA_M2V002
MB_378

Material and plating

Parts

Housing
Spacer (2)
Nut
Pins interface area

Material
PBT ASA GF20
PBT-I-GF30
PBT-I-GF30
CuSn6

Plating

none
none
none
PdNi, 2-3µm





Electrical data

Connection Technology cable
 Rated voltage 12 V DC
 Max current load 25 A at 70° C

Mechanical data

Locking mechanism magnetic
 Mounting cut-out ø 28 mm (M28x1) d00
 Duty cycles without load > 10.000 cycles
 Duty cycles at 15 A 4.000 cycles
 Vibration resistance 3 axes, 8h, 5Hz-200Hz, 8,5 m/s²
 Shock resistance 3 axes, 13.000 shocks, 11 ms. 30g



Environmental data

Temperature range -40° C to +105° C
 Dust and water resistance (front side) IP6K9K
 Dust and water resistance (connection side) IP5K0
 RoHS compliant d00

Packing

Standard bulk
 Weight ~ 27 g d00

Change History

| rev. | Date | Change |
|------|------------|---|
| d00 | 19.10.2020 | - change view - removed tolerances according to ISO 2786 m-H - change material from PBT ASA GF20 to PBT-I-GF30 - removed Tightening torque - change (M28) to (M28x1) - add RoHS compliant - change weight from 26,9g to 27g |

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 | C. Biermann | 19.10.20 | d00 | 20-2041 | B. Armstorfer | 19.10.20 |