



PCB Layout Pinning	Interface Pinning	Reference L99-838-XXX Pinning
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5

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

Interface

According to L99-838-XXX

Documents

Panel piercing MB_400/401

MF

RIGHT ANGLE JACK PCB

MF2K201-400L

Material and plating

Connector parts

Contact Pins
Insulator
Nut
Mounting nut
Gasket
Magnet

Material

Brass
PA 10T/X GF30
PA 6.6
PBT GF30
VMQ
NdFeB N52

Plating / Color

AuroDur®, gold plated
black
black
black
red
Ni

Flammability

Connector parts

Insulator
Assembly parts

Category

material acc. to UL94 V-0
material acc. to UL94 V-1/V-2

Electrical data

Peak current
Working voltage

1000mA
max. 50V DC

Mechanical data

Mating cycles
Disengagement force

min. 10.000
> 10 N
Force measured during vertical disengagement with counter connector
south to interface

Magnetic pole

Environmental data

Temperature range
Soldering process

-25°C to +75°C
Magnets are losing their magnetic properties above the temperature of 130°C
Designed for manual solder process
IP65 / IP67 (in vertical position)
Compliant

IP Code
RoHS

Suitable cables

n/a

Packing

Standard
Single packing
Weight

50 pcs per box
1 pcs per box
9g/pcs

Safety instruction

Caution

„The magnetic field of the assembled magnets is very strong. These magnets can particularly impact the function of cardiac pacemakers, implanted cardioverter-defibrillators (e.g. by unintentional actuation of reed switch), hearing aids, data storage media, monitors, and debit- and credit cards. Therefore keep sufficient safety distance from such or similar devices to prevent malfunction and danger to health. In case of any further questions please contact our customer service center.“

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
G. Lapper	10.11.2011	G. Lapper	10.02.17	b00	17-0003	A. Streibl	10.02.17
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