



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



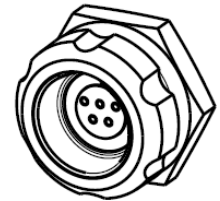
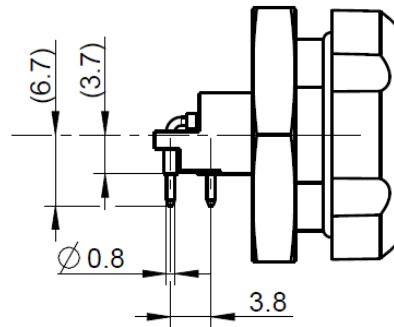
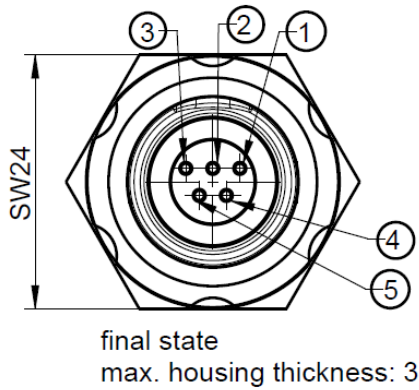
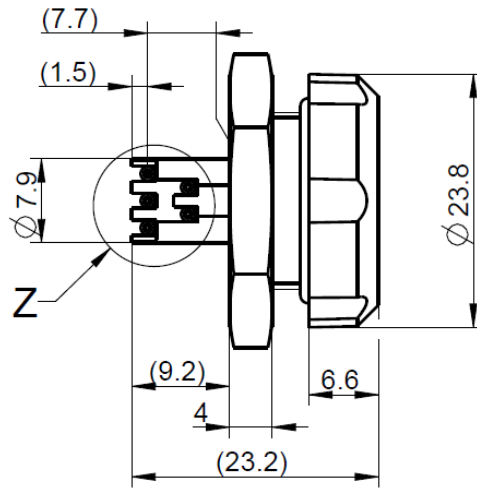
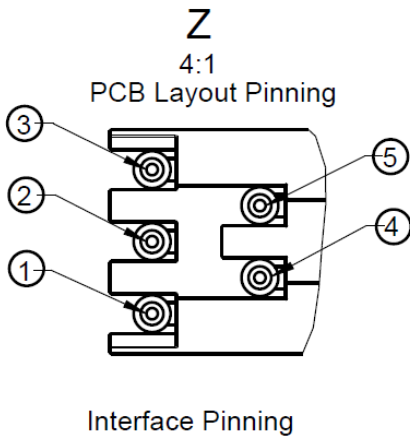
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PCB Layout Pinning	Interface Pinning	Reference L99-838-XXX Pinning
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5

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

**Interface**

According to L99-838-XXX

**Documents**

Panel piercing MB\_400/401

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RF\_35/05.10/6.0

**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 loosing 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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