



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!



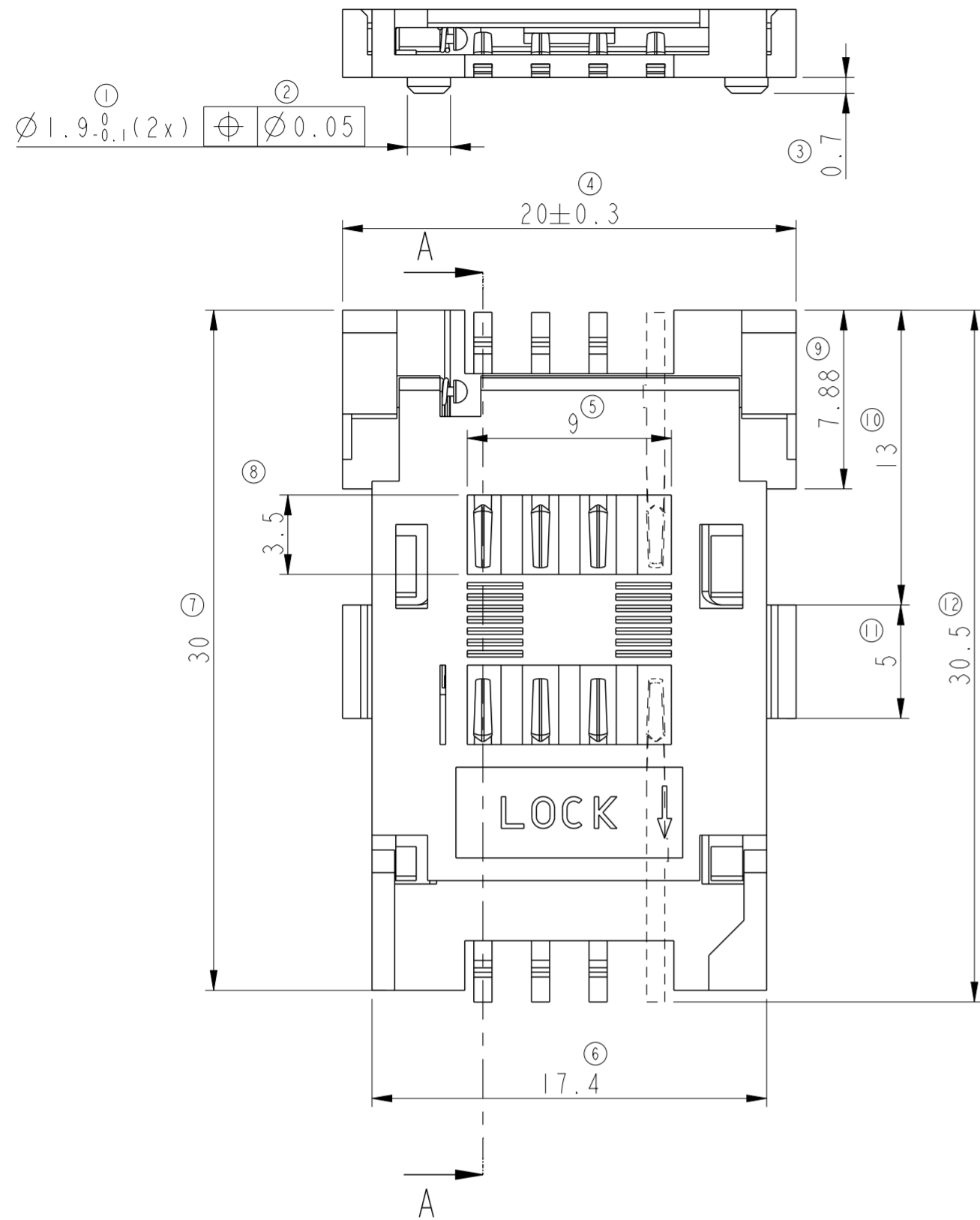
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

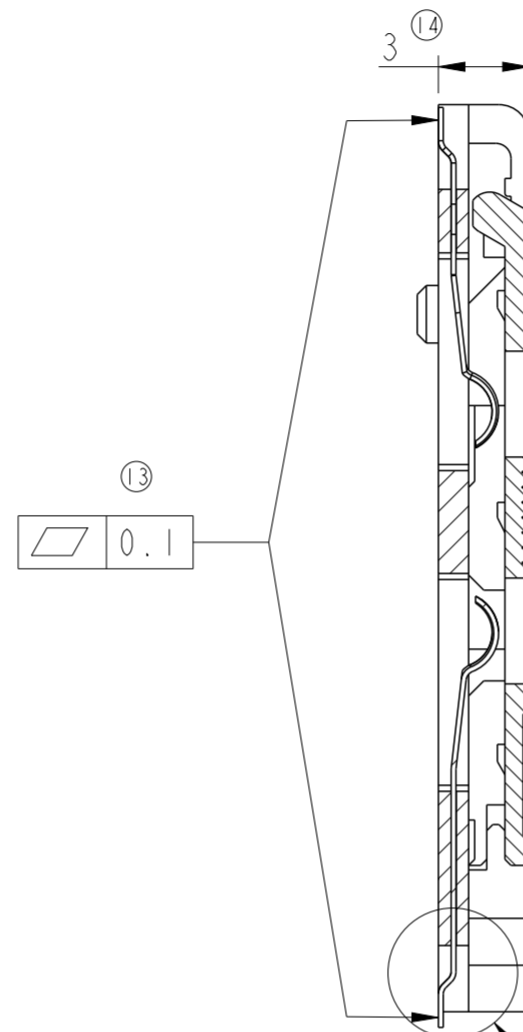
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

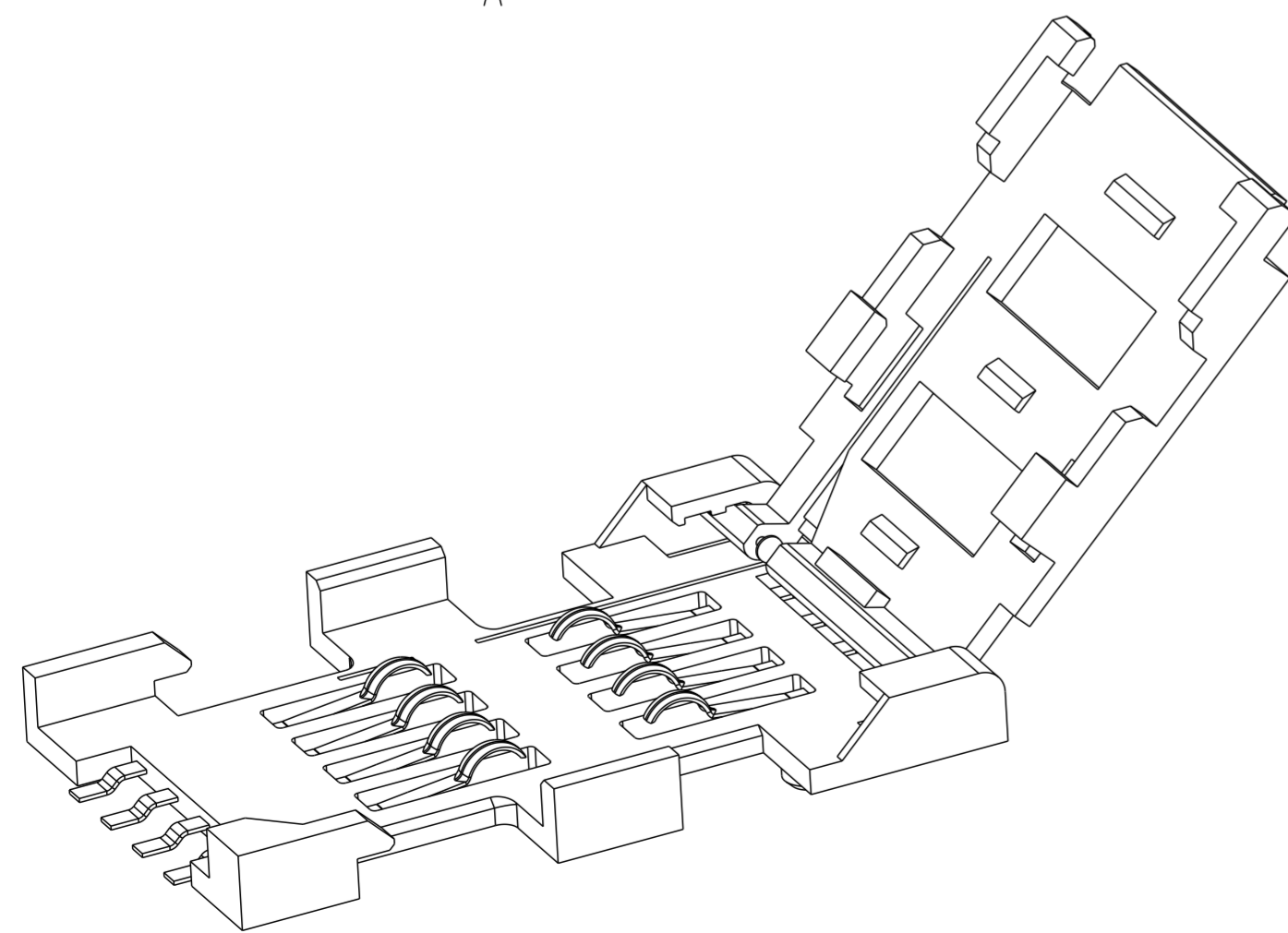
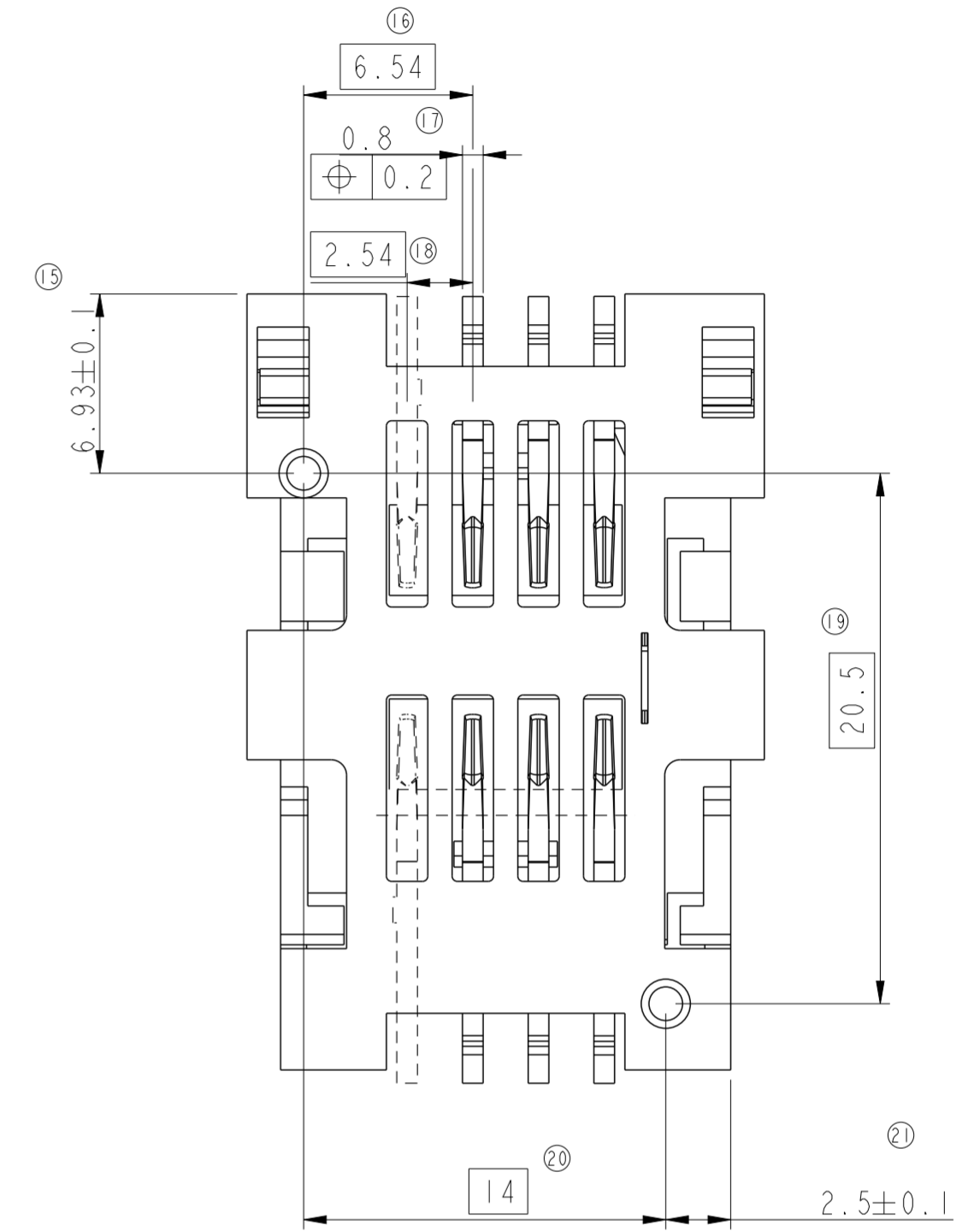
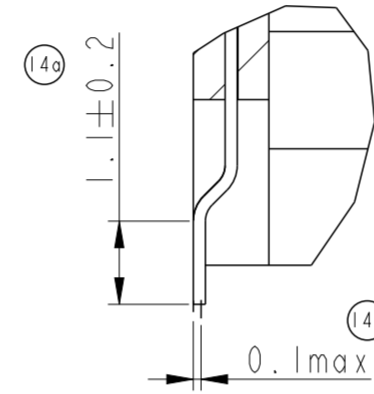




SECTION A-A



DETAIL F  
SCALE 10:1



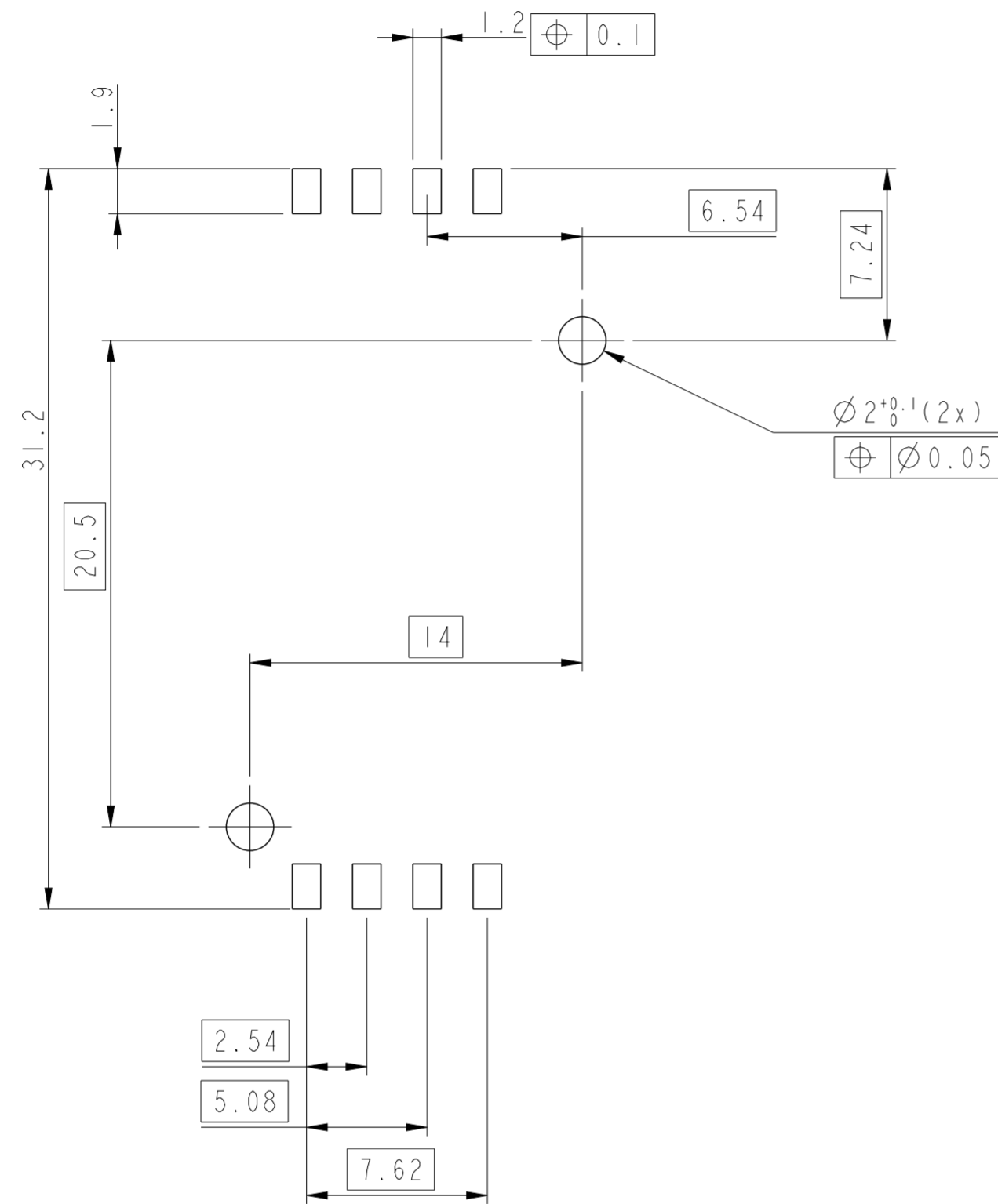
7X12S08XXX01LF

- LEAD FREE
- 5: DURABILITY 10,000 OPERATIONS
- 1: 6 CONTACTS
- 2: 8 CONTACTS
- 1: TAPE N REEL PACKAGING
- 3: TRAY PACKAGING

General Tolerances	
0 to 10mm:	±0.1mm
10 to 30mm:	±0.15mm
30 to 60mm:	±0.2mm
60 and more:	±0.3mm

spec ref	--	dr	P-Matthew Nebu	2011/10/17	projection	mm	size	A2	scale	4:1	
tolerance std	ISO 406 ISO 1101	eng	P-Matthew Nebu	2013/08/19		mm	ecn no	ELX-I-15417-2	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr							K-Paul Biju
surface	ISO 1302	linear	0.X	±		title ASSY PERFORATED COVER/SPRING SIM S08	dwg no VRW11496	rev F	Product - Customer Draw		
		angular	0°	±					cat. no.	see table	sheet 1 of 2
				www.fci.com							

## RECOMMENDED PCB LAYOUT



## TECHNICALS SPECIFICATION:

### Material:

- Plastic parts in High Temp. Thermoplastic, Colour Grey Rated UL 94V0.
- Contacts in copper alloy.
- Plating: Au / Equivalent PdNi over Ni on contact area
- Solder area : Matte Tin over Ni on solder tails
- Spring: steel

### Electrical features:

- Insulation resistance :  $< 1000 \text{ M}\Omega$
- Contact resistance :  $< 100 \text{ m}\Omega$
- Voltage Max :  $> 1000 \text{ Vrms}$
- Current : min  $10 \mu\text{A}$  to max  $1 \text{ A}$

### Mechanical features:

- 10 000 cycles
- Contact force : 0.5 N per contact

### Environmental features:

- Operating Temperature :  $-40^\circ\text{C}$  a  $+90^\circ\text{C}$
- temperature range :  $-40^\circ\text{C}$  to  $100^\circ\text{C}$

## LEAD FREE VERSION:

"This product meets European Union Directives and other country regulations as described in GS-47-0004"

The housing will withstand exposure to  $260^\circ\text{C}$  peak temperature for 10seconds in a convection reflow oven.

spec ref	--	dr	P-Mathew Nebu	2011/10/17	projection	mm	size	A2	scale	4:1	
tolerance std	ISO 406 ISO 1101	eng	P-Mathew Nebu	2013/08/19		mm	ecn no	ELX-15417-2	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr							K-Paul Biju
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		angular	0°	±°					cat. no.	--	sheet 2 of 2