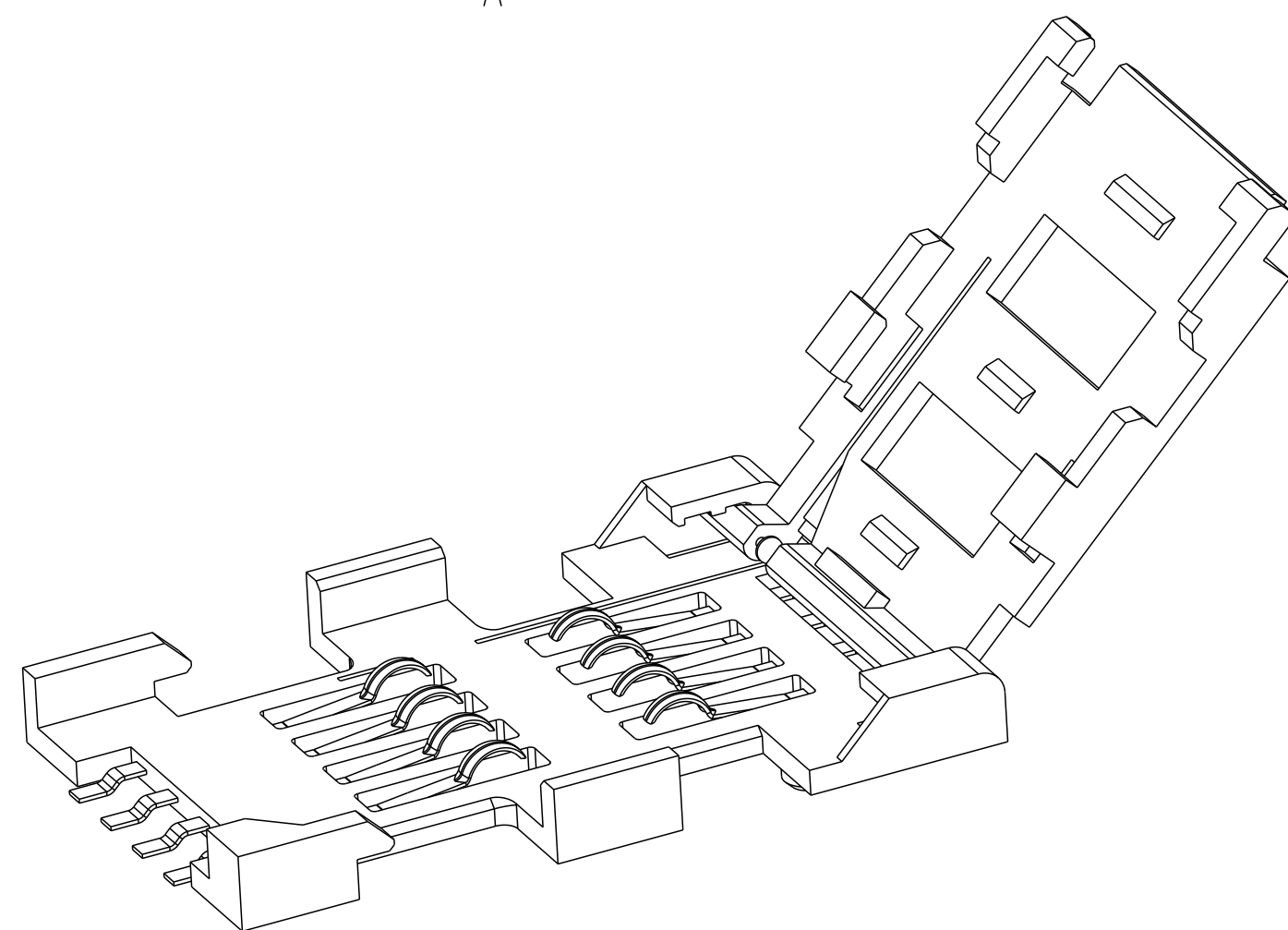
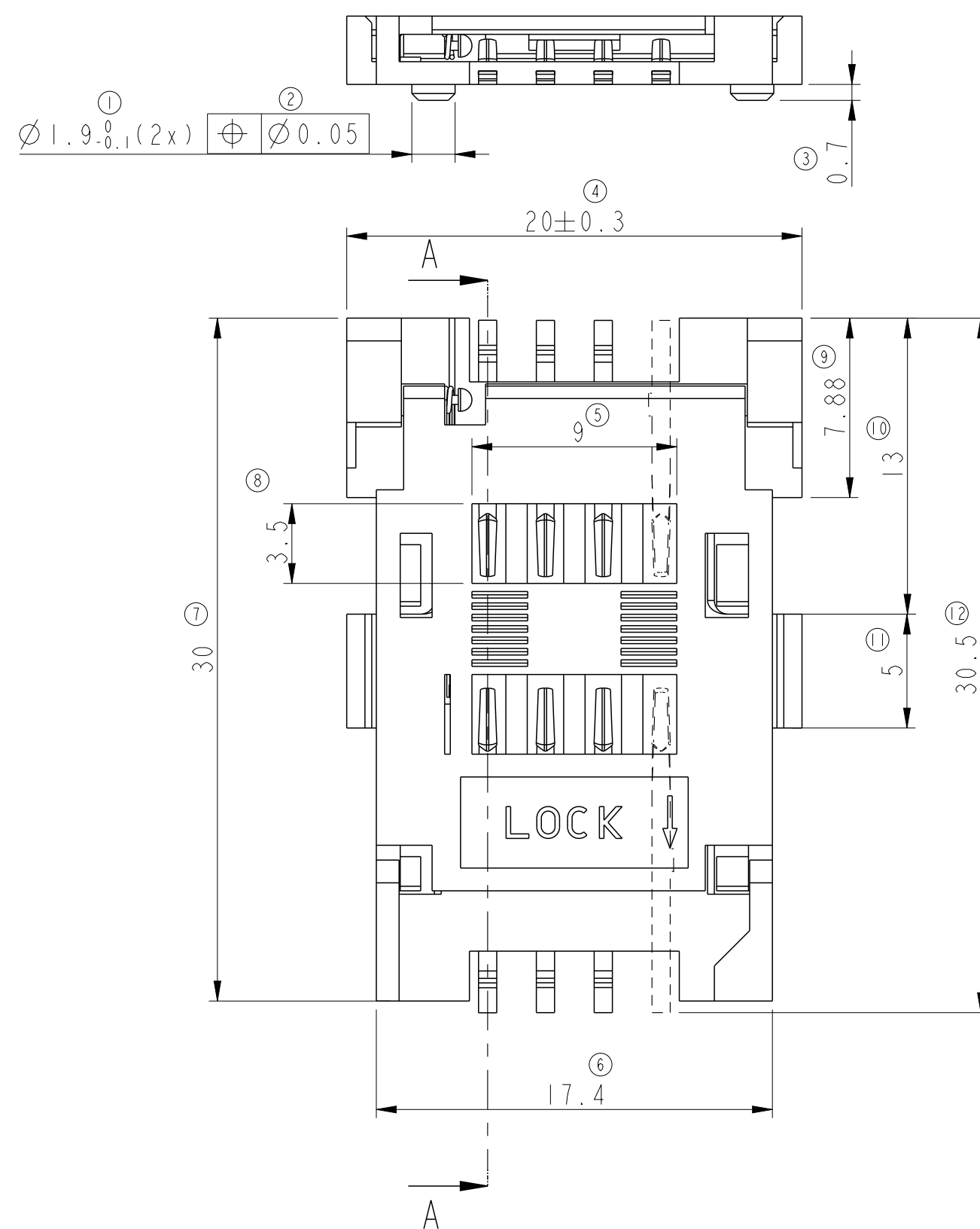
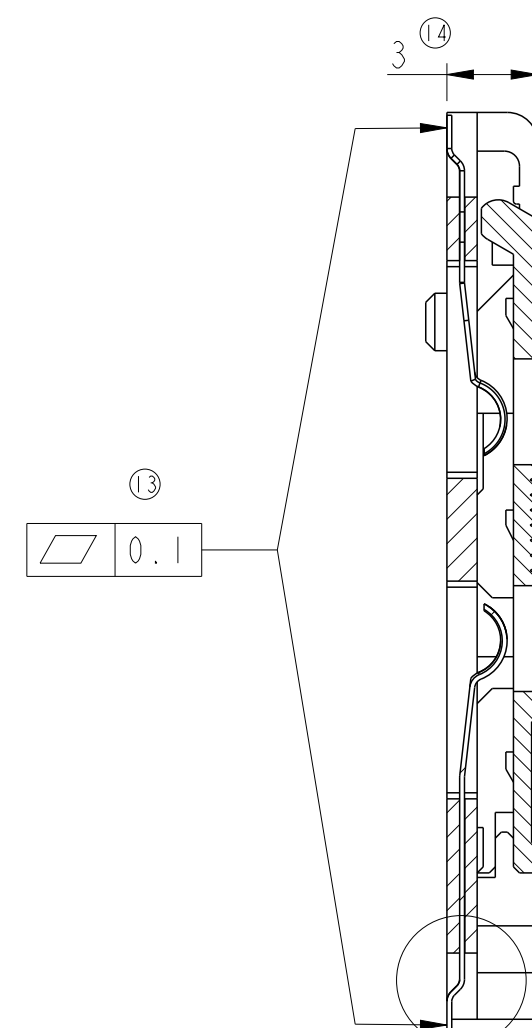
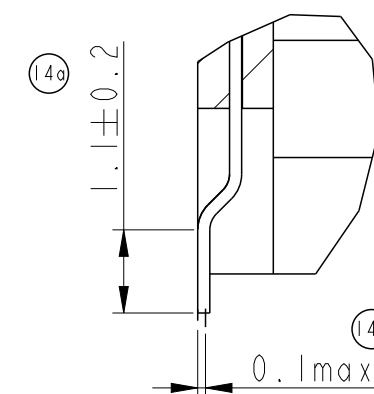




SECTION A-A



DETAIL F
SCALE 10:1



—SEE DETAIL F

7X12S08XXX01LF

LEAD FREE

— 5: DURABILITY 10,000 OPERATIONS

```

1: 6 CONTACTS
2: 8 CONTACTS

```

```

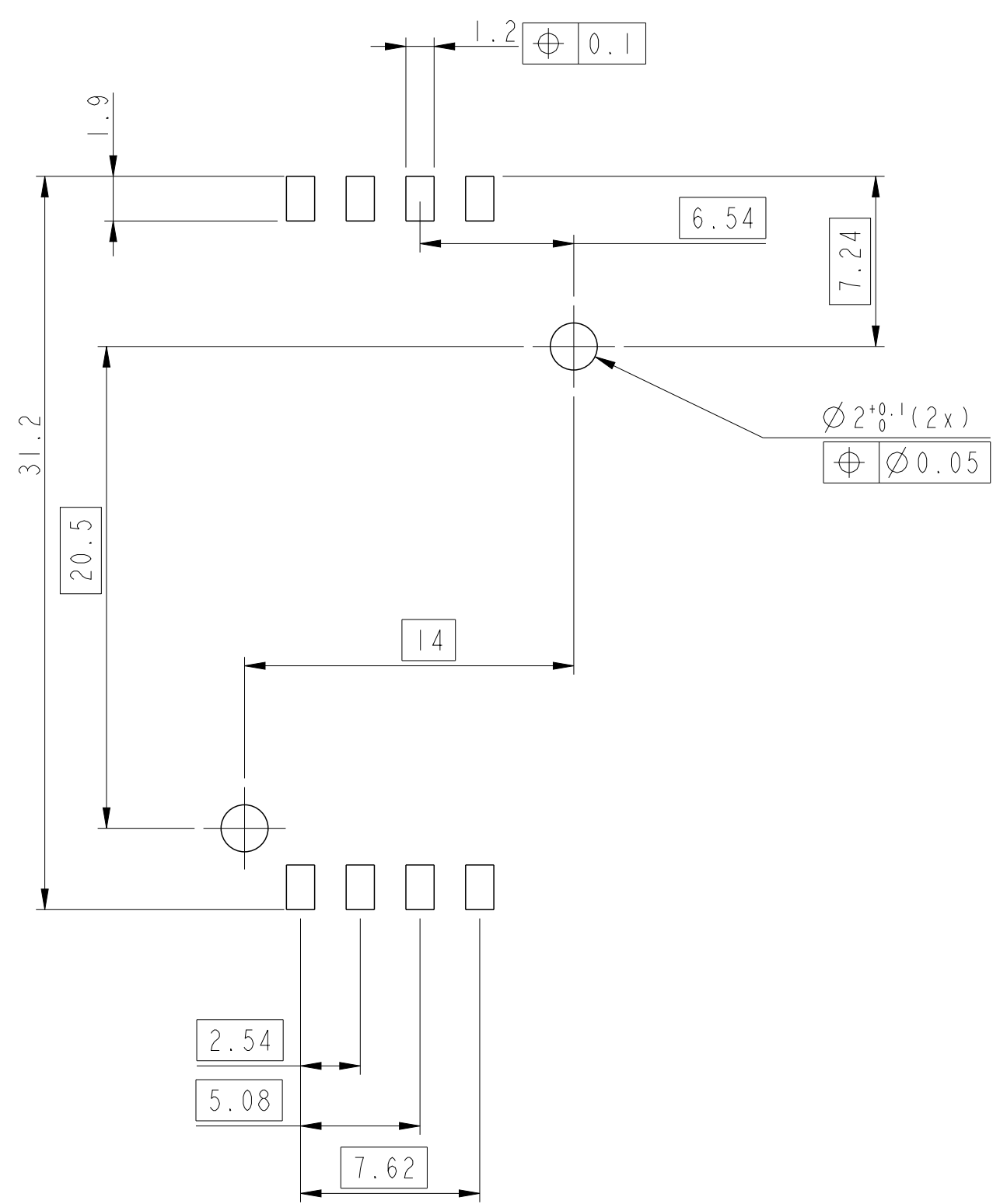
1: TAPE N REEL PACKAGING
3: TRAY PACKAGING

```

General Tolerances	
0 to 10mm:	$\pm 0.1\text{mm}$
10 to 30mm:	$\pm 0.15\text{mm}$
30 to 60mm:	$\pm 0.2\text{mm}$
60 and more:	$\pm 0.3\text{mm}$

spec ref --			dr P-Matthew Nebu 2011/10/17		projection 		size A2		scale 4:1	
tolerance std ISO 406 ISO 1101			eng P-Matthew Nebu 2013/08/19				ecn no ELX-K-15417-2		rel level Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED			chr - -		product family MOBILE I/O		rev F			
appr K-Paul Bijl 2013/08/20			title ASSY PERFORATED COVER/SPRING SIM S08		dwg no VRW11496		sheet 1 of 2			
surface  ISO 1302			linear 0.X ± 0.XX ± 0.XXX ±		angular 0.0° ± 0.1° ±		www.fci.com cat. no. see table		Product - Customer Drw	

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 A

Mechanical features:

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

Environmental features:

- Operating Temperature : -40°C a $+90^\circ\text{C}$
- temperature range : -40°C to 100°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°C peak temperature for 10seconds in a convection reflow oven.



Copyright FCI.

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	chr	-	ecn no	ELX-I-15417-2		
		appr	K-Paul Biju	2013/08/20	product family	MOBILE I/O	rel level	Released		
surface	ISO 1302	linear	0.X 0.XX 0.XXX	$\pm$ $\pm$ $\pm$	FCI	title	ASSY PERFORATED COVER/SPRING SIM S08	dwg no	VRW11496	rev
		angular	0°	$\pm^\circ$	www.fci.com	cat. no.	--	Product - Customer Drw	sheet 2 of 2	F

PDS: Rev :F

STATUS:Released

Printed: Aug 20, 2013

Mouser Electronics

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