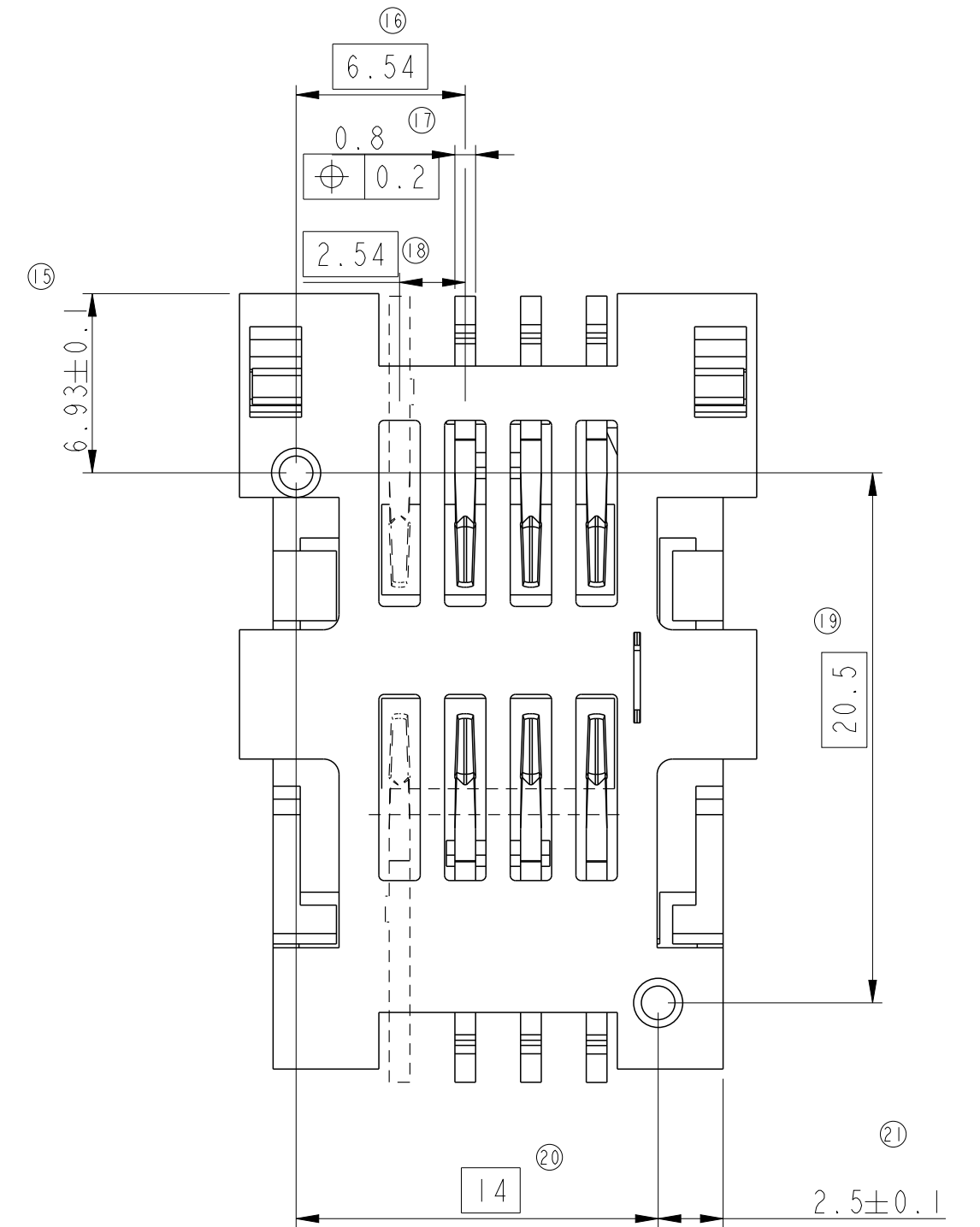
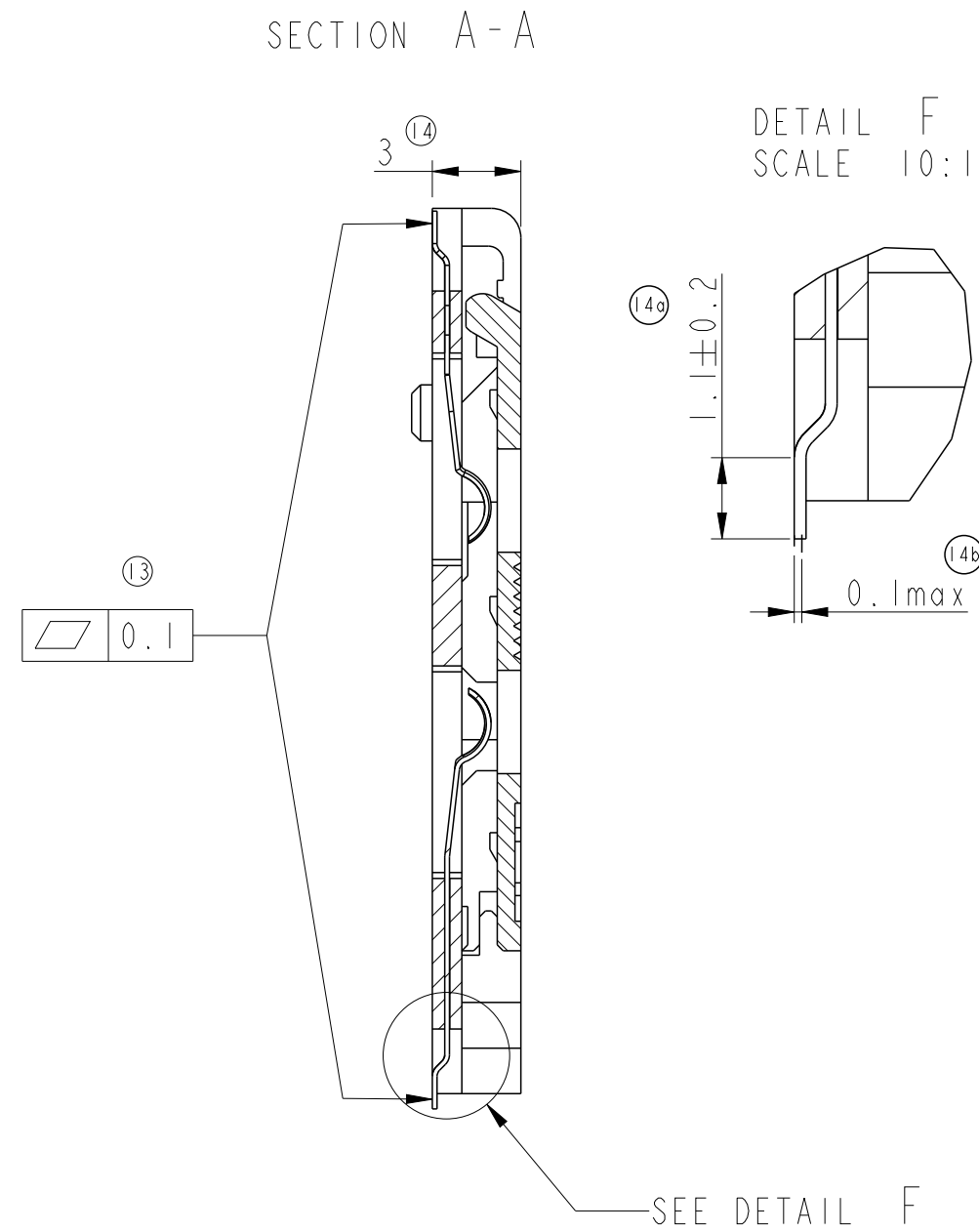
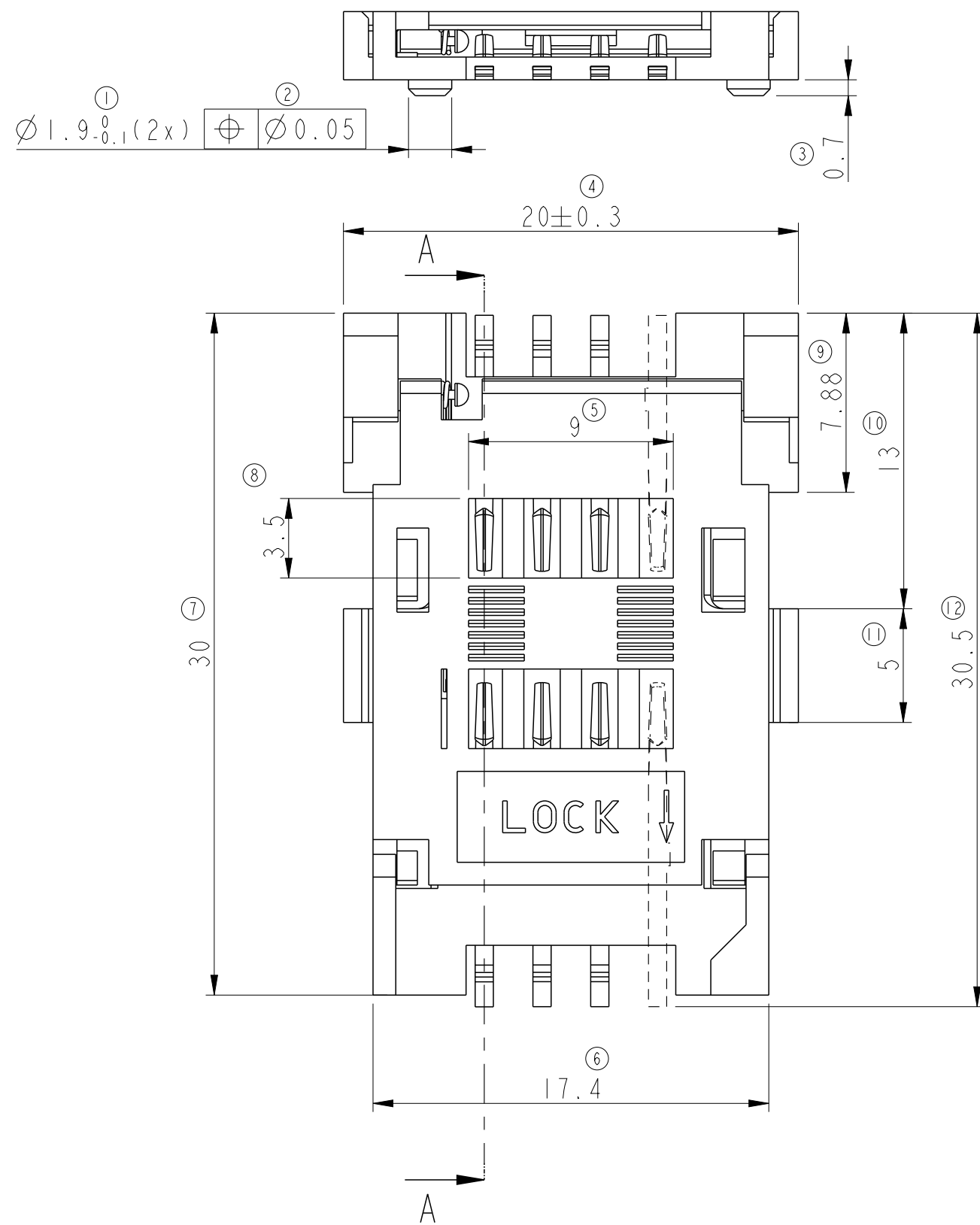




7X12S08XXX01LF

LEAD FREE

5: DURABILITY 10,000 OPERATIONS

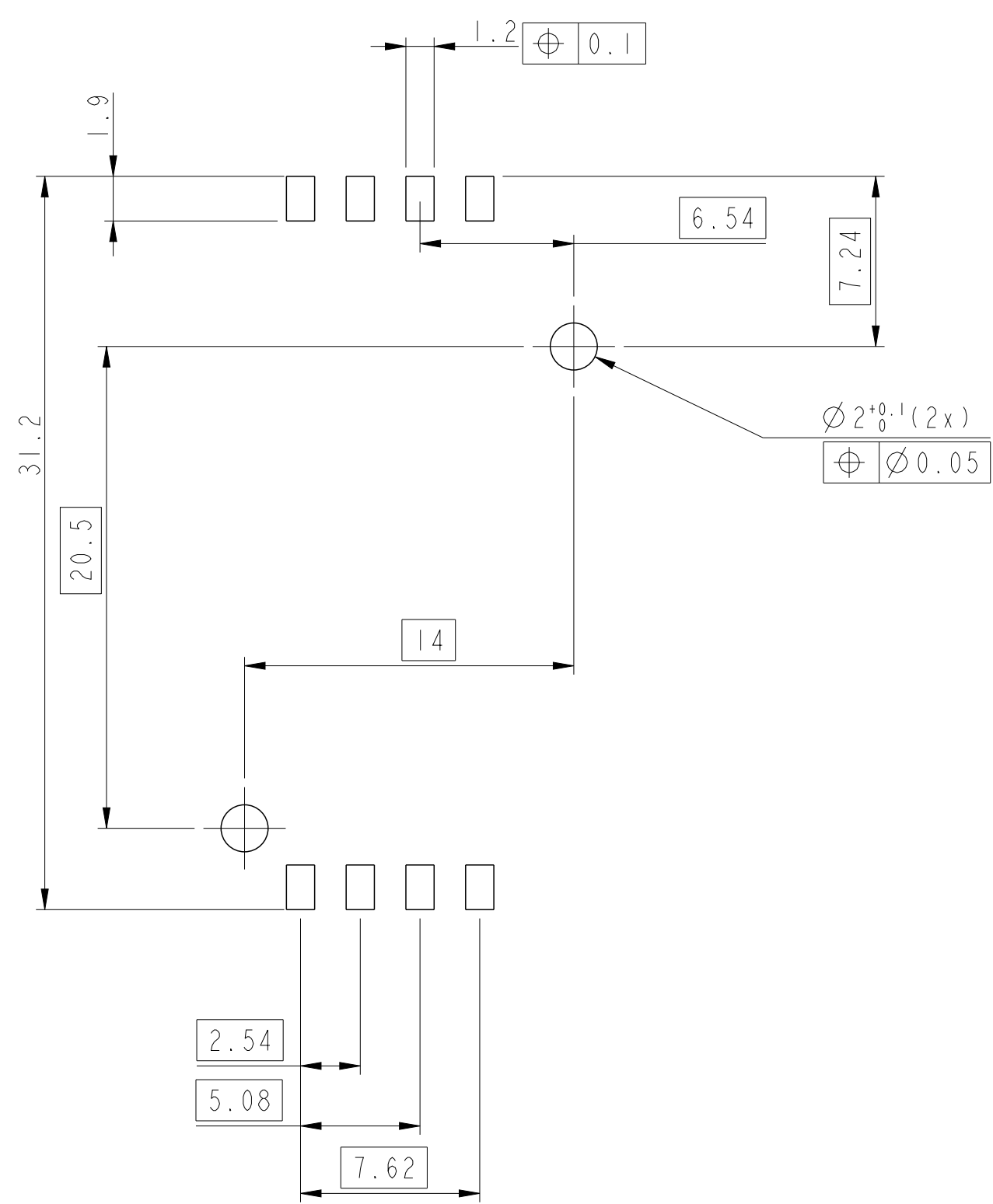
1: 6 CONTACTS
2: 8 CONTACTS

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

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.



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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