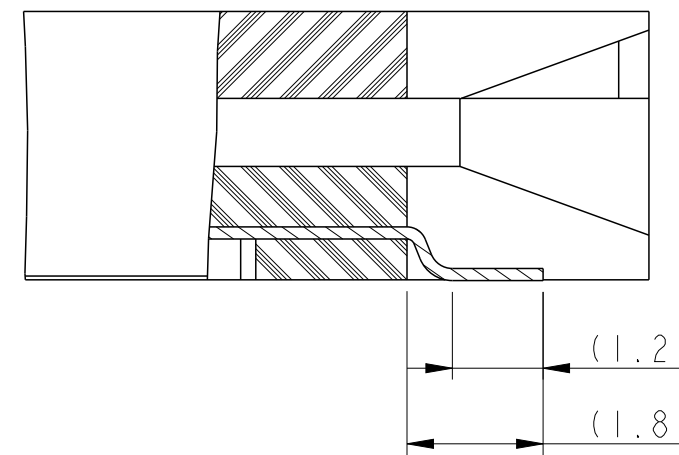
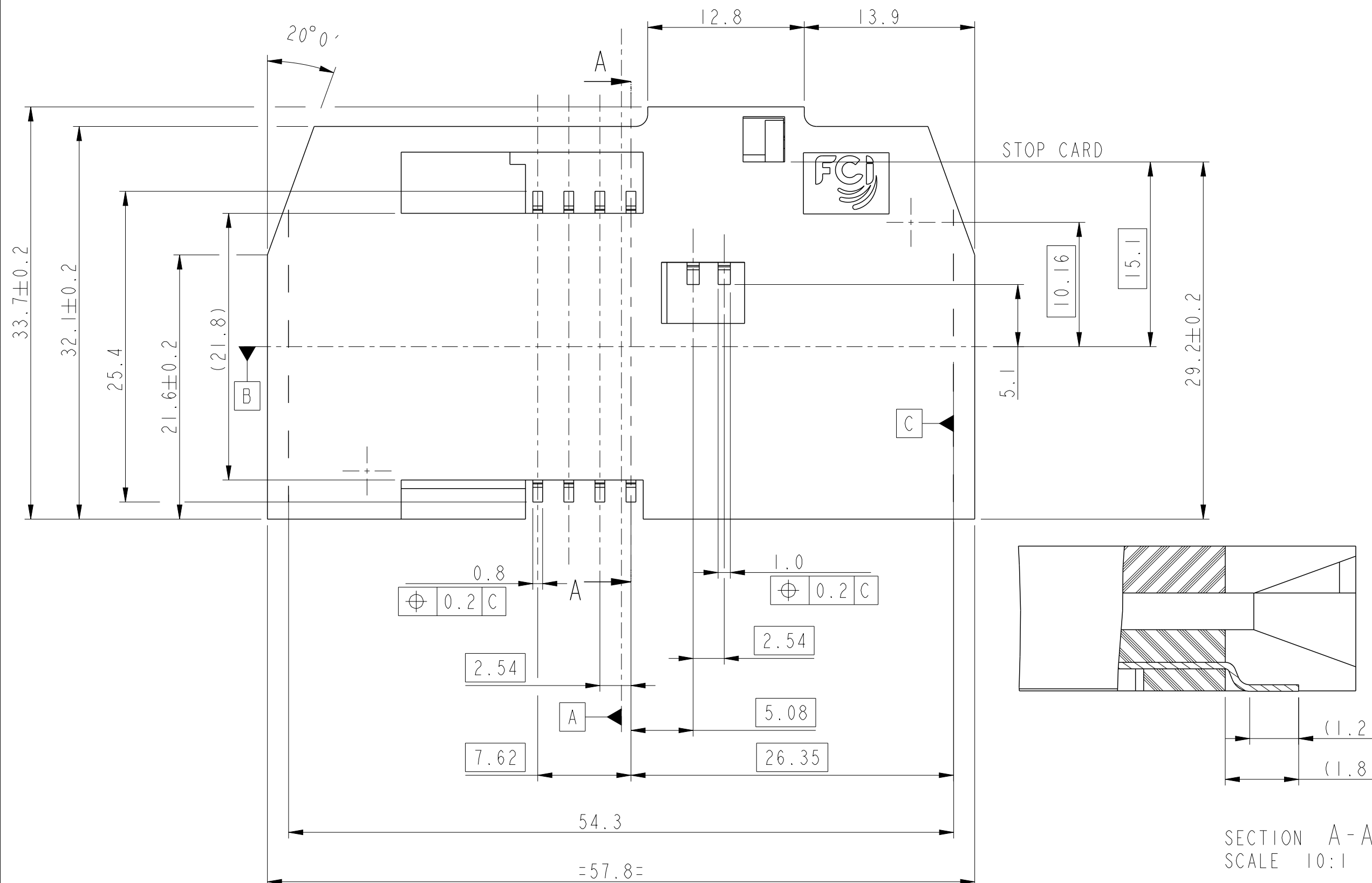
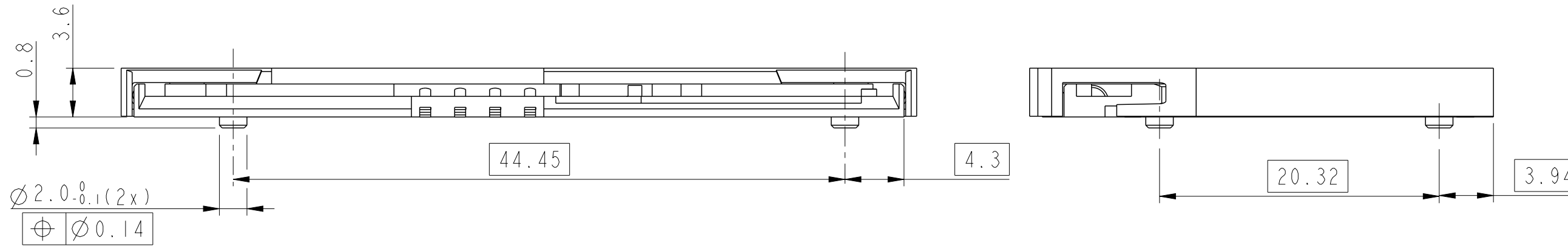


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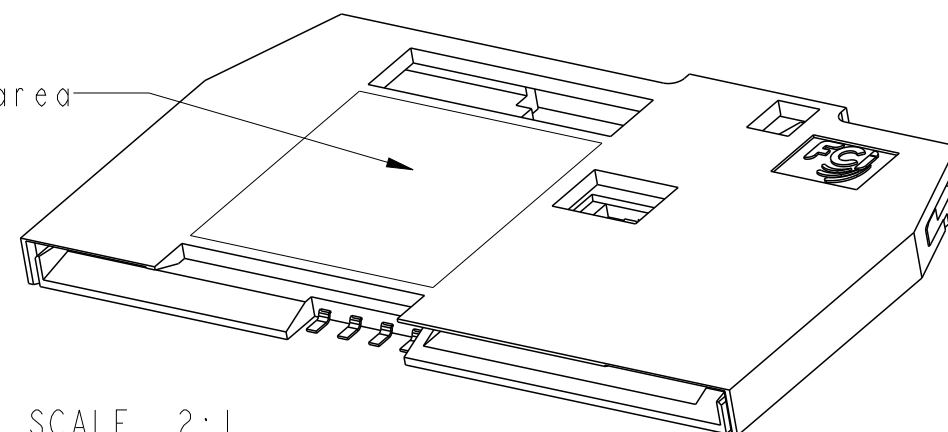
7712P0225A25LF

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SECTION A-A
SCALE 10:1

Pick and place area



SCALE 2:1

NOTES:

DESCRIPTION

Connector especially designed for SMT technology
EMV compatible and in accordance with ISO 7816-2

MECHANICAL

Contacts force : between 0.2N-0.5N
Durability : 100000 cycles
Insertion force : 10 N max
Extraction force : 1 N min

ELECTRICAL

Insulation resistance : 1000MOhms
Dielectric withstand voltage between card contacts
and detection switch : 1000 Vrms
contact resistance:100 miliohms
Current carrying : min 10 micro A max 1A

SWITCH

Contact closed : contact resistance 100mOhms
Open contact : voltage proof 300Vms

MATERIAL

Contacts : copper alloy
Cover :
Color for LF part : Natural
Plating : Gold / Equivalent PdNi over Nickel on contact area
Solder tails : Sn bare edge allowed
Housing : self extinguishing, Thermoplastic
UL94-V0 rated

ENVIRONMENT

Storage temperature : -40°C, +85°C
Operating temperature : -20°C, +70°C
Packaging : Tray
Compatible reflow soldering process

NOTE: RoHS INFORMATIONS

- The "LF" products meet European Union Directives and other country regulations as described in GS-47-0004 .
- The housing will withstand exposure to 260°C peak temperature for 30 seconds in a convection, infra-red or vapor reflow oven. See Application notes/procedures, if they are available.
- Packaging spec: see GS-14-920

spec ref	SEE NOTES	dr	P-Matthew Nebu	2014/09/27	projection	mm	size	A2	scale	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	P-Matthew Nebu	2014/10/08	chr	-	ecn no	ELX-I-18989-1		
ISO 406		appr	K-Paul Bijou	2014/10/08	product family	MOBILE I/O	rel level	Released		
ISO 1101										
surface	linear	0.X	±0.3		FCI	title	CHIP CARD CONNECTOR	dwg no	VJW53666	rev
		0.XX	±0.1			TYPE :	P02 (8 cts with cover)			L
		0.XXX	±0.05							
ISO 1302	angular	0°	±2°		www.fci.com	cat. no.	SEE TABLE	Product - Customer Drw	sheet 1 of 3	

PDS: Rev :L

STATUS:Released

Printed: Oct 08, 2014

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7712P0225A25LF
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PDS: Rev :L

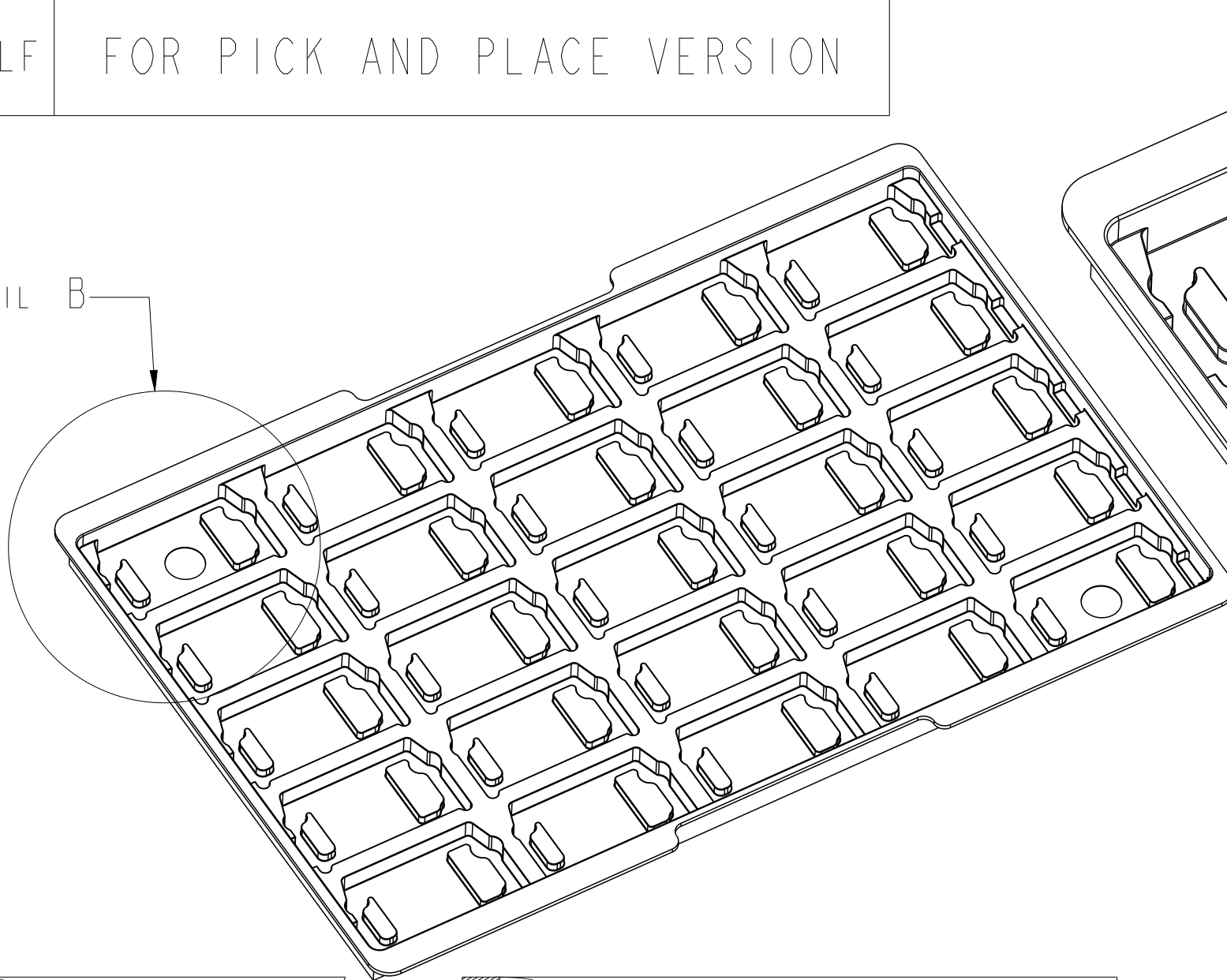
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Printed: Oct 08, 2014

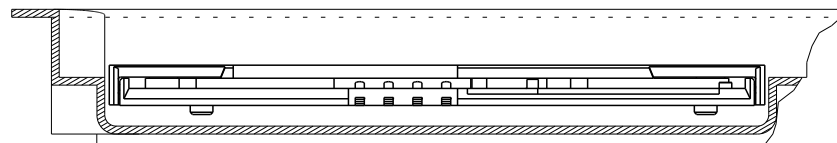
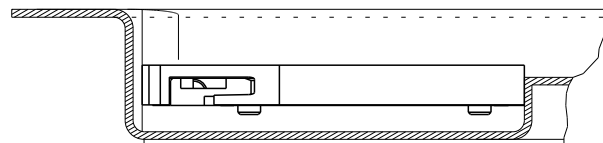
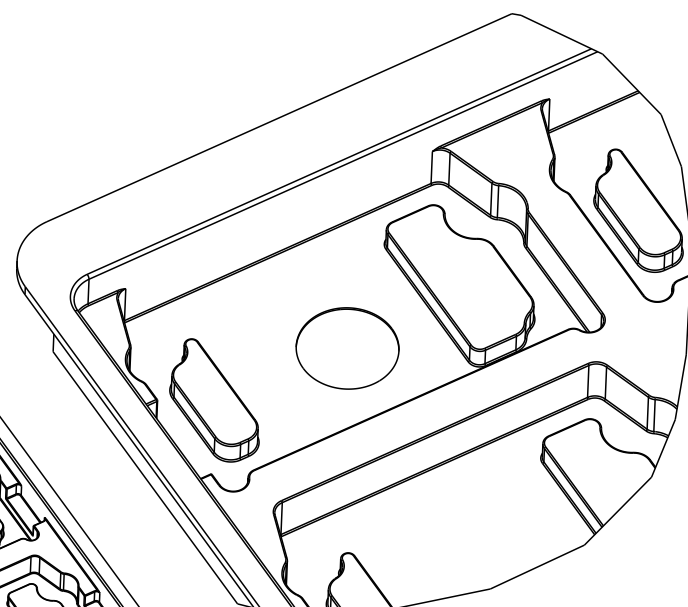
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FOR PICK AND PLACE VERSION

SEE DETAIL B



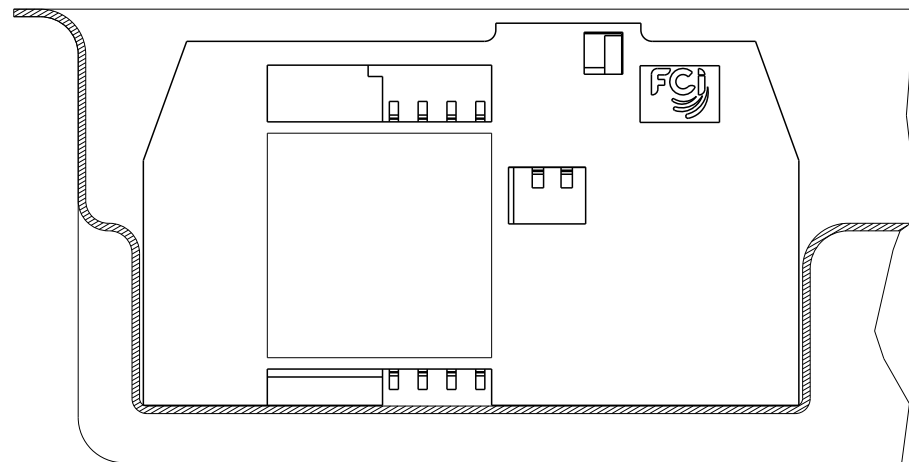
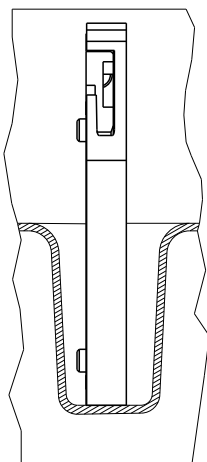
DETAIL B
SCALE 1:1



HORIZONTAL PLACEMENT

7312P0225A13LF

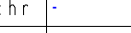
STANDARD VERSION



VERTICAL PLACEMENT

PACKAGING

P / N	Quantity by Tray	Trays Material Detail
7712P0225A25LF	25 Horizontal Placement	Antistatic
7312P0225A13LF	100 Vertical Placement	No Antistatic

spec ref		SEE NOTES			dr		P-Matthew Nebu		2014/09/27		projection		mm		size		A2		scale		3:2		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		P-Matthew Nebu		2014/10/08						ecn no		ELX-1-18989-1						
ISO 406					chr		-		-						rel level		Released						
ISO 1101					appr		K-Paul Biju		2014/10/08						product family		MOBILE I/O						
surface		✓		linear		0.X		±0.3				title		CHIP CARD CONNECTOR		dwg no		VJW53666		rev		L	
				0.XX		±0.1		TYPE : P02 (8 cts with cover)															
ISO 1302		angular		0°		±2°		www.fci.com															
						cat. no.		SEE TABLE		Product - Customer Drw		sheet 3 of 3											

PDS: Rev :L

STATUS:Released

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