

Product/Process Change Notifications



PCN - 14 117

Release Date: December 30 2014

Product Name:	Smartcards			
	P series			
Product Manager:	Hiran Namboothiri			
Subject:	Notification of Planned Change			
Distribution:	Global			
Type of Change:	Documentation Change			
Change Description:	A drawing dimension which was not displayed earlier the drawing is now displayed.			
Reason for Change:	This change is intended to bring more clarity into the relief feature provided in part.			
Affected Parts:	7712P0225A25LF & 7312P0225A13LF			
Effective Date of Change:	January 15, 2015			
Last Time Buy Date:	NA			
Last Disty Return Date:	NA			
Last Time Shipment Date	NA			
Datasheet Attached?	YES			
Qual/Test Data Attached?	NA			
Samples Availability Date:	December	30	2014	No change in actual part. Only a dimension is shown in the drawing.
Available Alternatives?	N/A			
Questions?	Contact your local FCI Representative, or Product Manager			
	Hiran Namboothiri			
	Email - Hiran.Namboothiri@fci.com			
	PH - +91- 484 - 6611611			

Note:

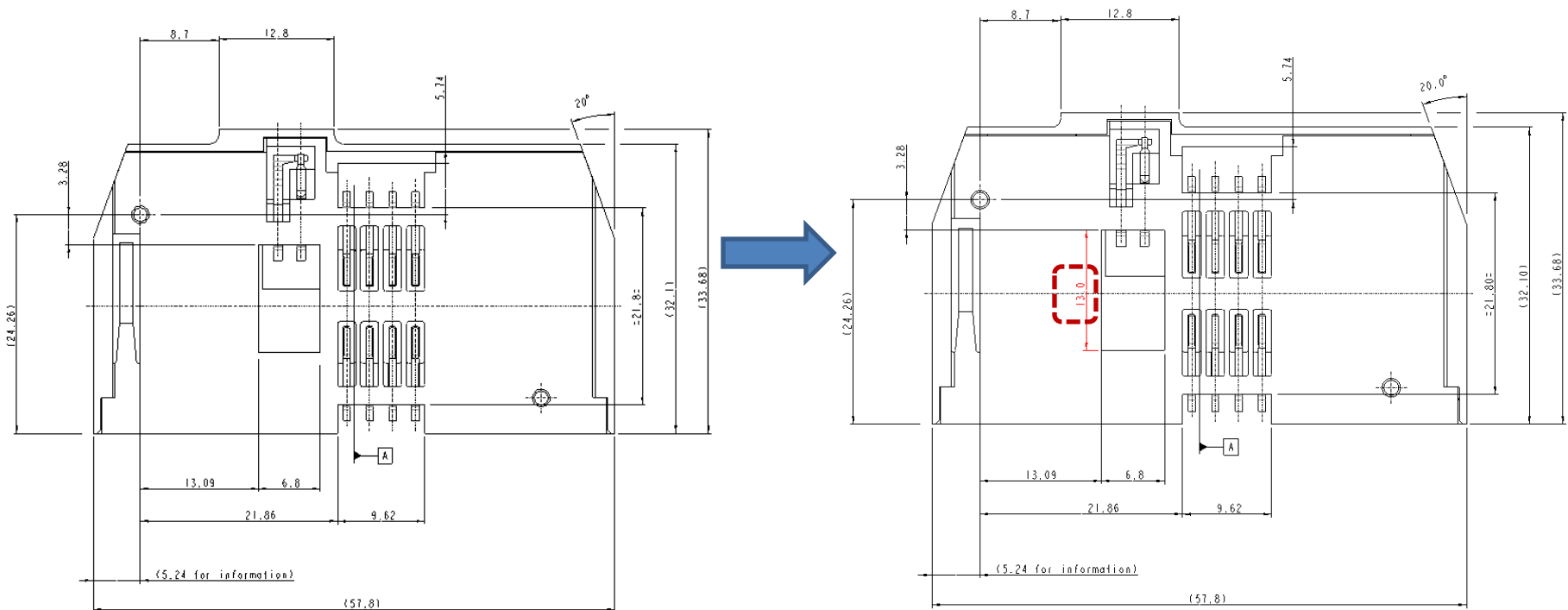
Customer shall intimate the product Manager any Concern regarding the PCN within 3 weeks of the release date.
 PCN is considered approved by the customer if no communication is received within 3 weeks

PCN	Item Number	Change	Effective Date	Last Time Buy Date	Last Disty return date	Replacement Part	Alternate Part	Comments
PCN14117	7312P0225A13LF	DOCUMENTATION CHANGE	15-Jan-15					
PCN14117	7712P0225A25LF	DOCUMENTATION CHANGE	15-Jan-15					

CHANGE DETAILS:



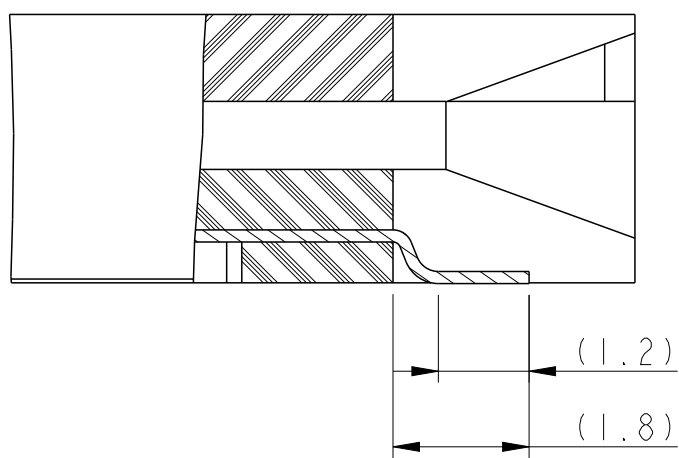
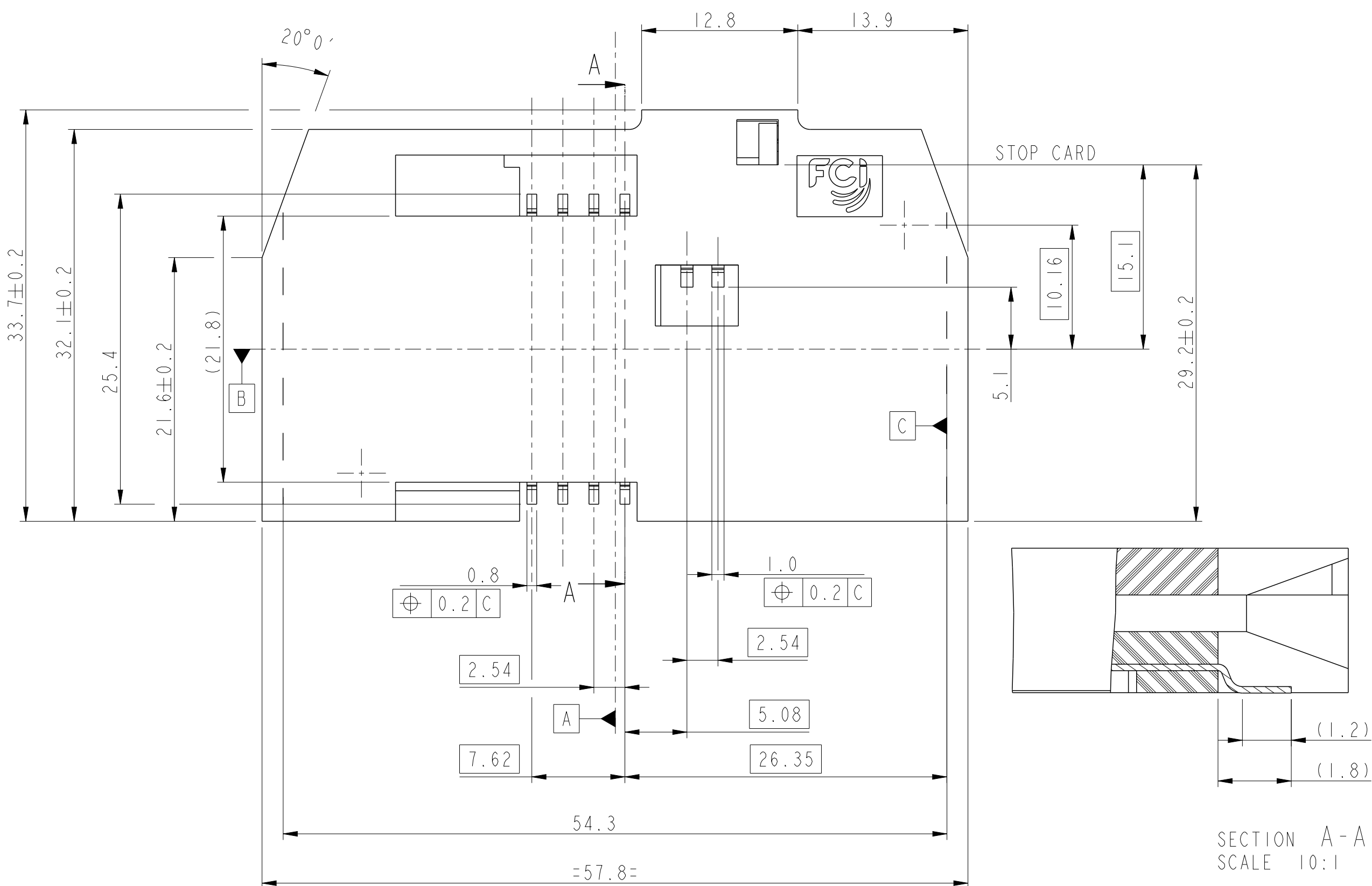
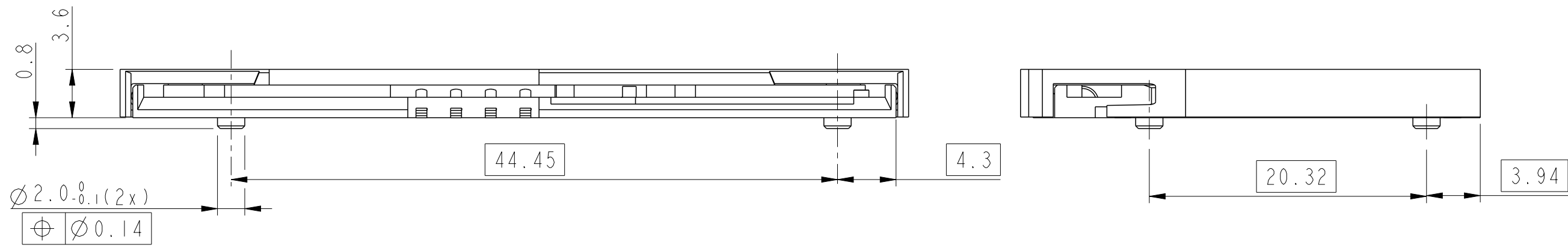
- Documentation change -Customer drawing dimension added.
- Dimension 13.0mm being added to bring more clarity into the relief feature already present in product.
- There is no change in product.



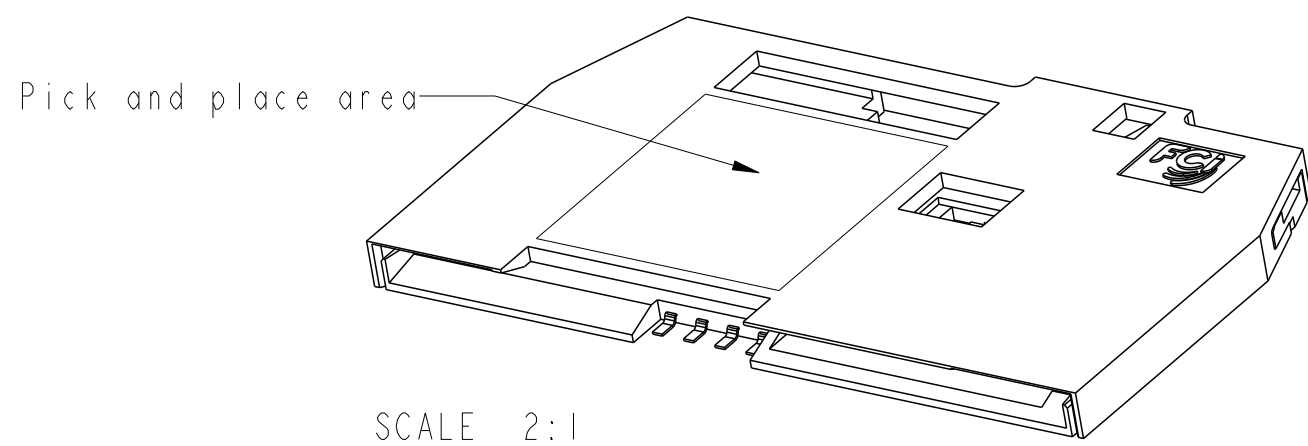
■ AFFECTED PART NUMBERS:

- 7712P0225A25LF, 7312P0225A13LF

LEAD FREE CATALOGUE NUMBER
7712P0225A25LF
7312P0225A13LF



SECTION A-A
SCALE 10:1



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

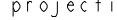
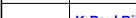
Contacts : copper alloy
Cover :
Color for LF part : Natural
Plating : Gold / Equivalent PdNi over Nickel on contact area
Solder tails : Sn bare edge allowed
Housing : self extinguishing, Thermoplastic
UL94-V0 rated

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

LEAD FREE CATALOGUE NUMBER
7712P0225A25LF
7312P0225A13LF

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7712P0225A25LF
7312P0225A13LF

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7712P0225A25LF
7312P0225A13LF



S: Rev :L

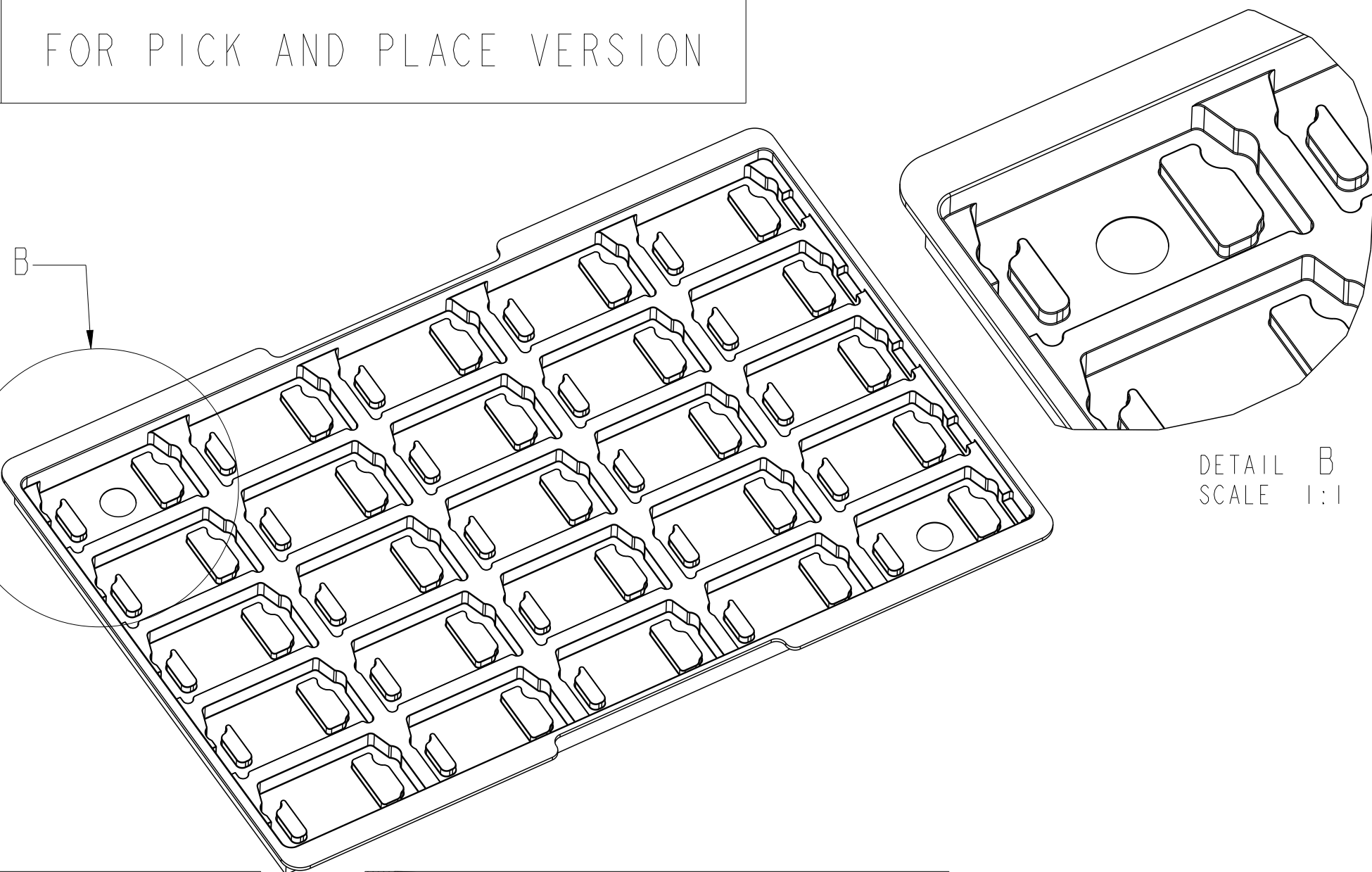
STATUS: Released

Printed: Oct 08, 2014

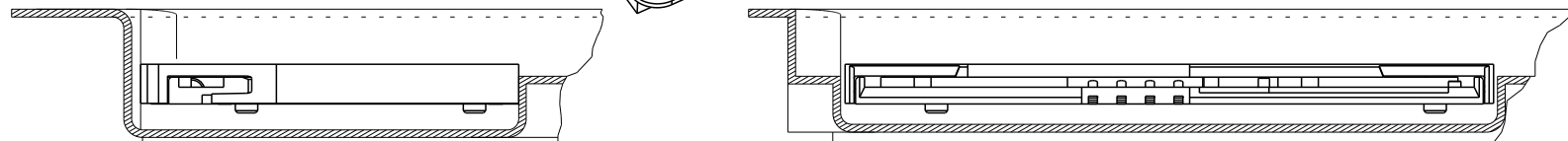
7712P0225A25LF

FOR PICK AND PLACE VERSION

SEE DETAIL B



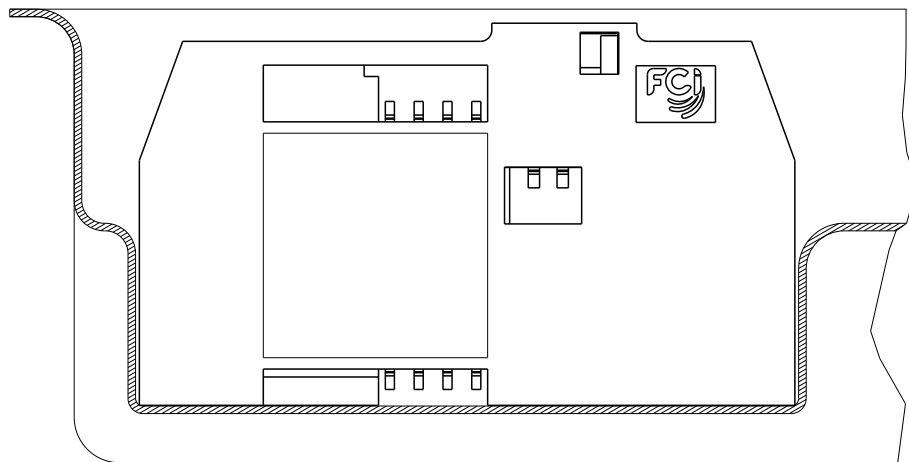
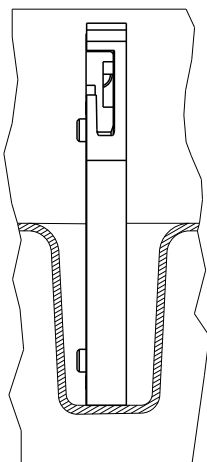
DETAIL B
SCALE 1:1



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									