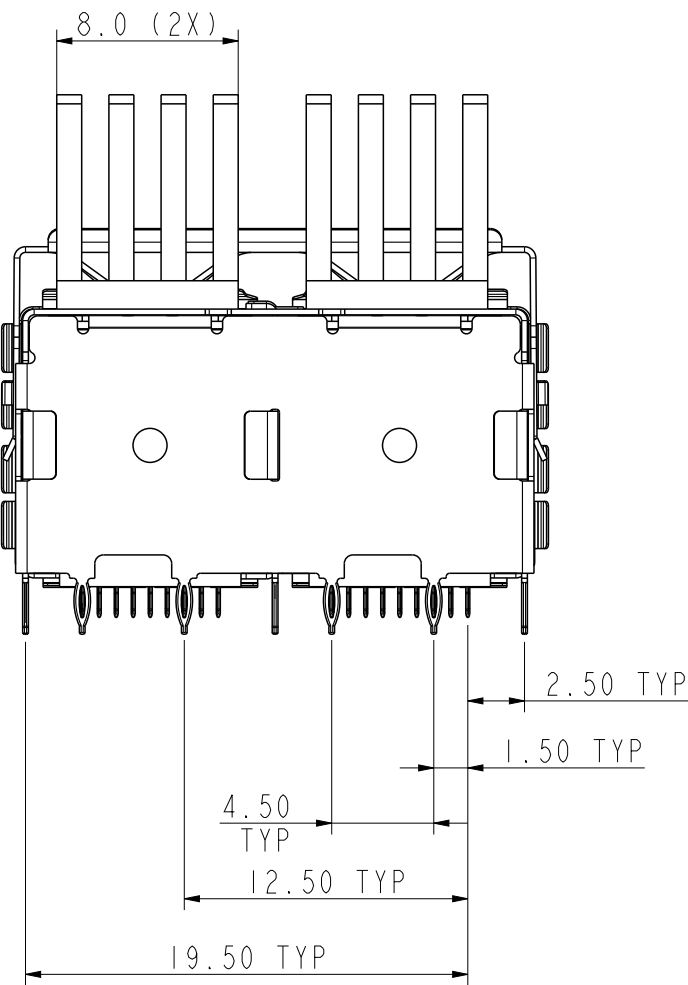
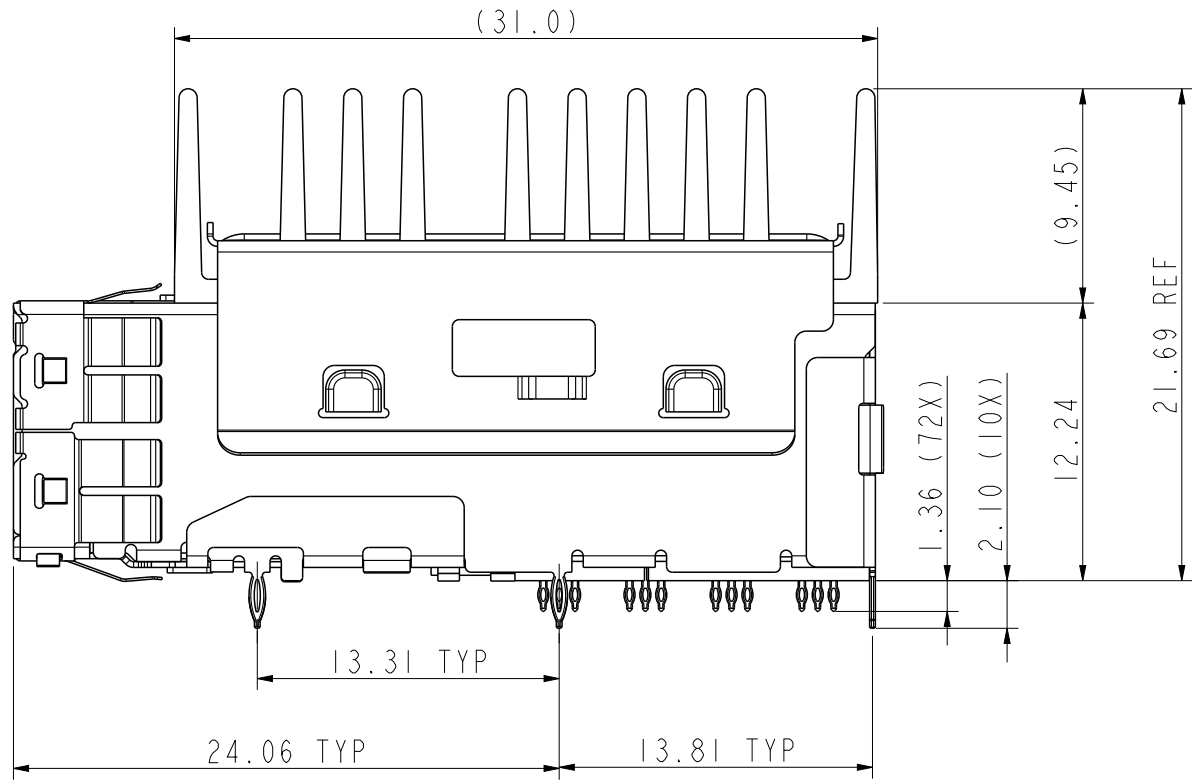
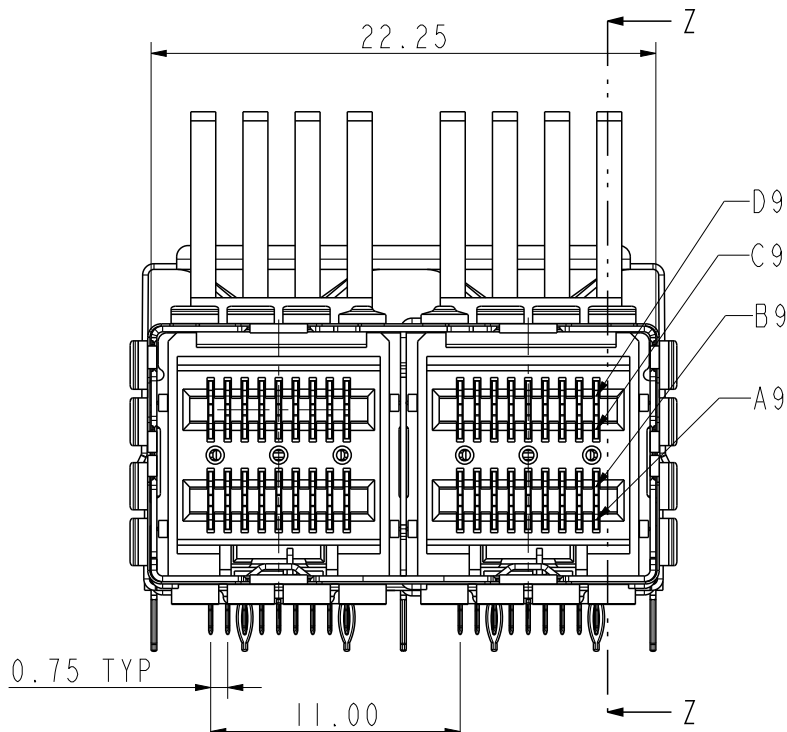
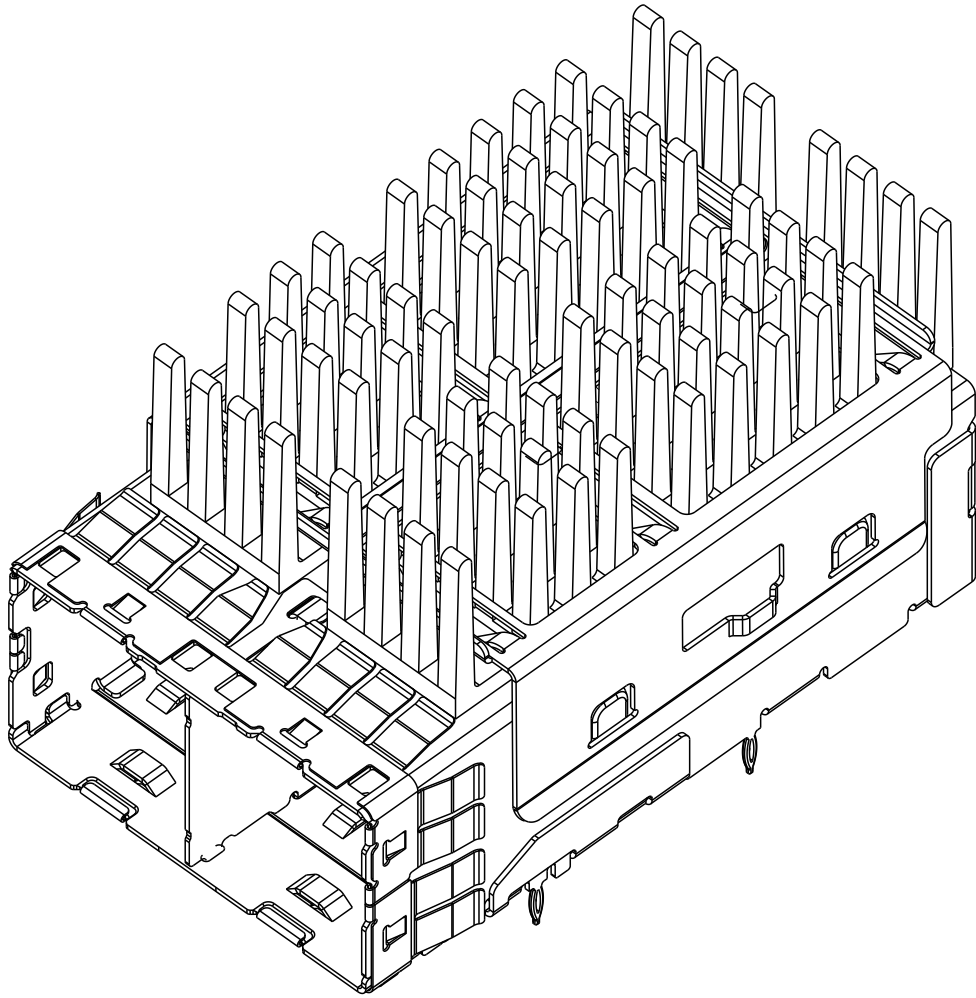
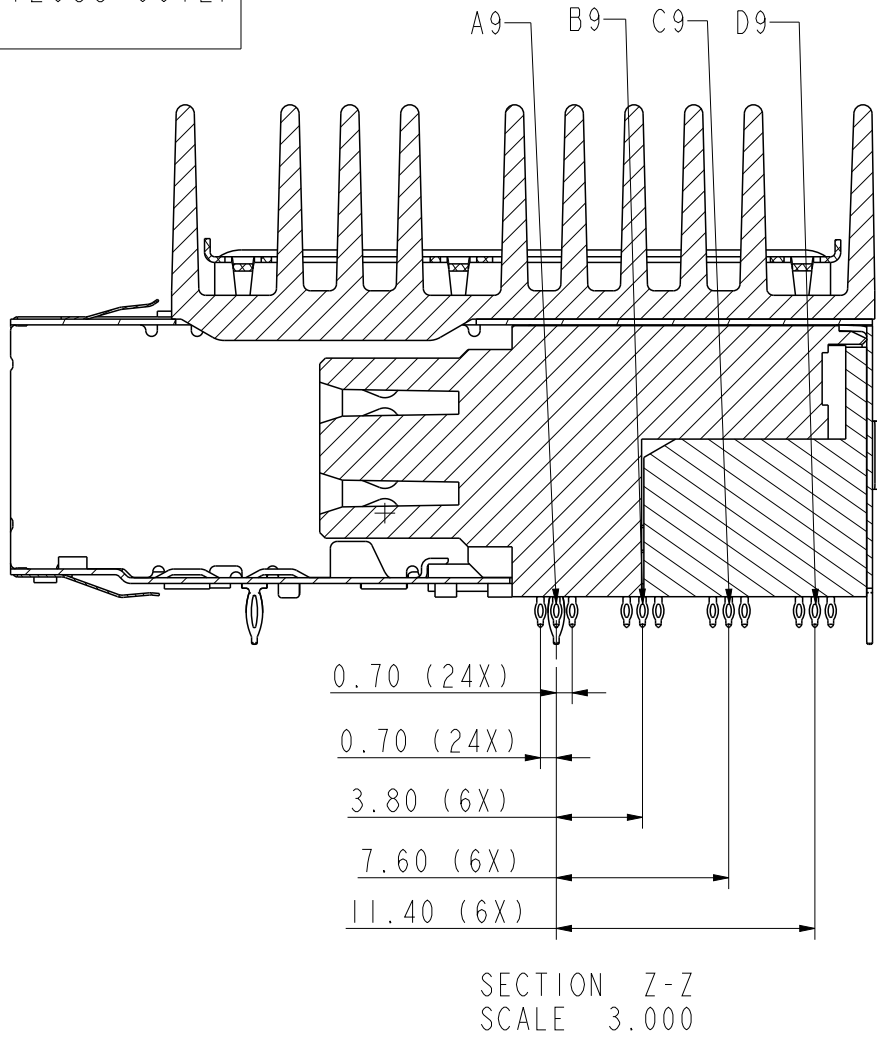
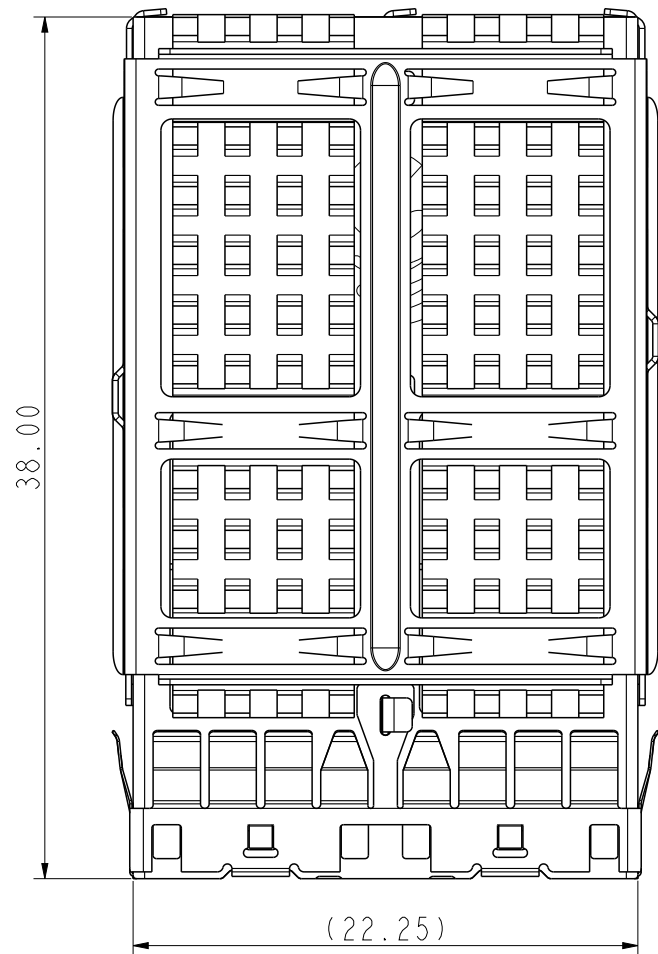


PRODUCT NUMBER	TAIL PLATING OPTION, SEE NOTE 2	1X2 EXTERNAL ASSEMBLY WITH WINDOWS	HEAT SINK MOUNTING CLIP(1X2)	HEAT SINK
10112630-101	OPTION 1	10112627-103	10112656-002LF	10112655-001LF
10112630-101LF	OPTION 2	10112627-103LF		



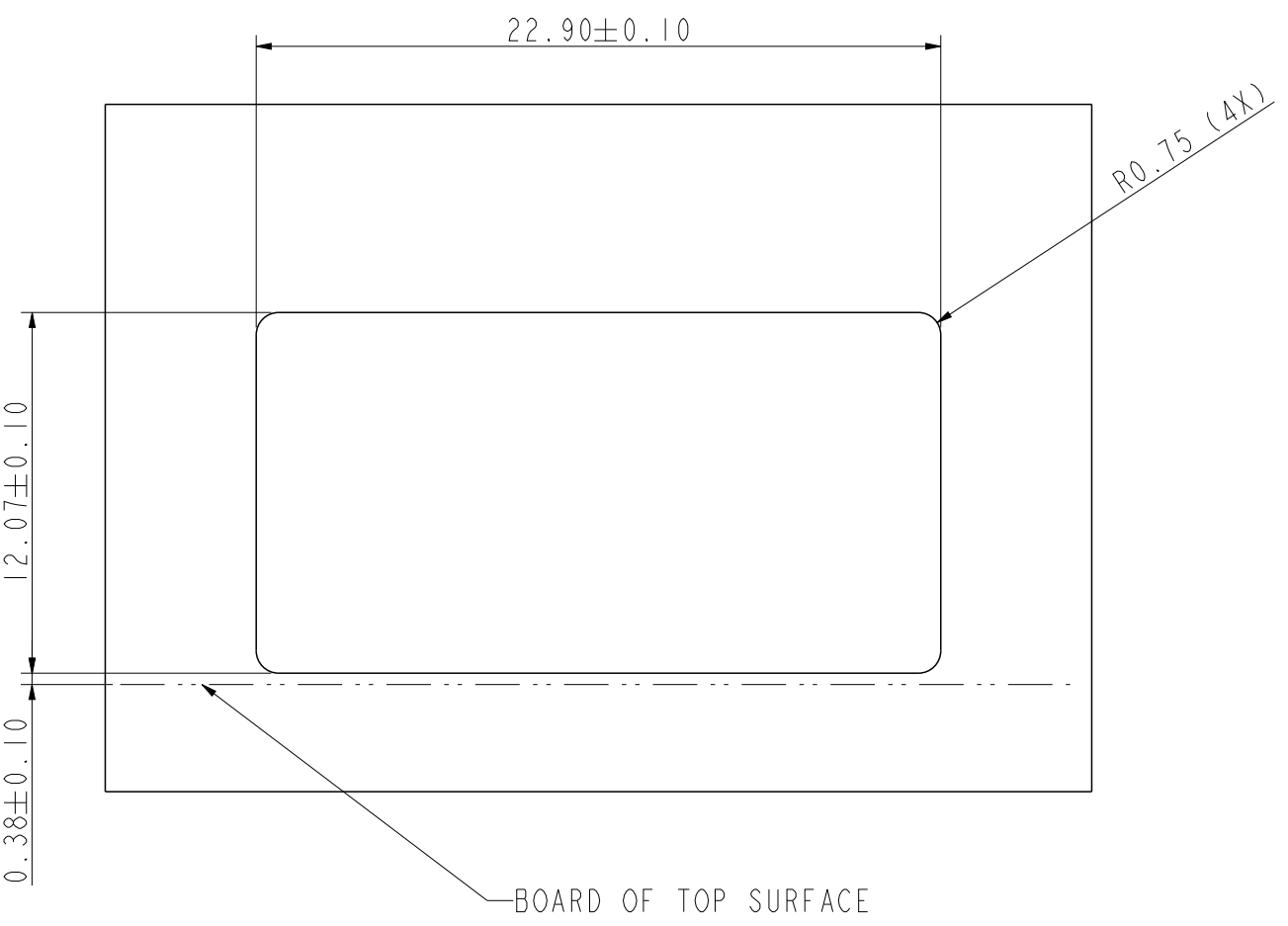
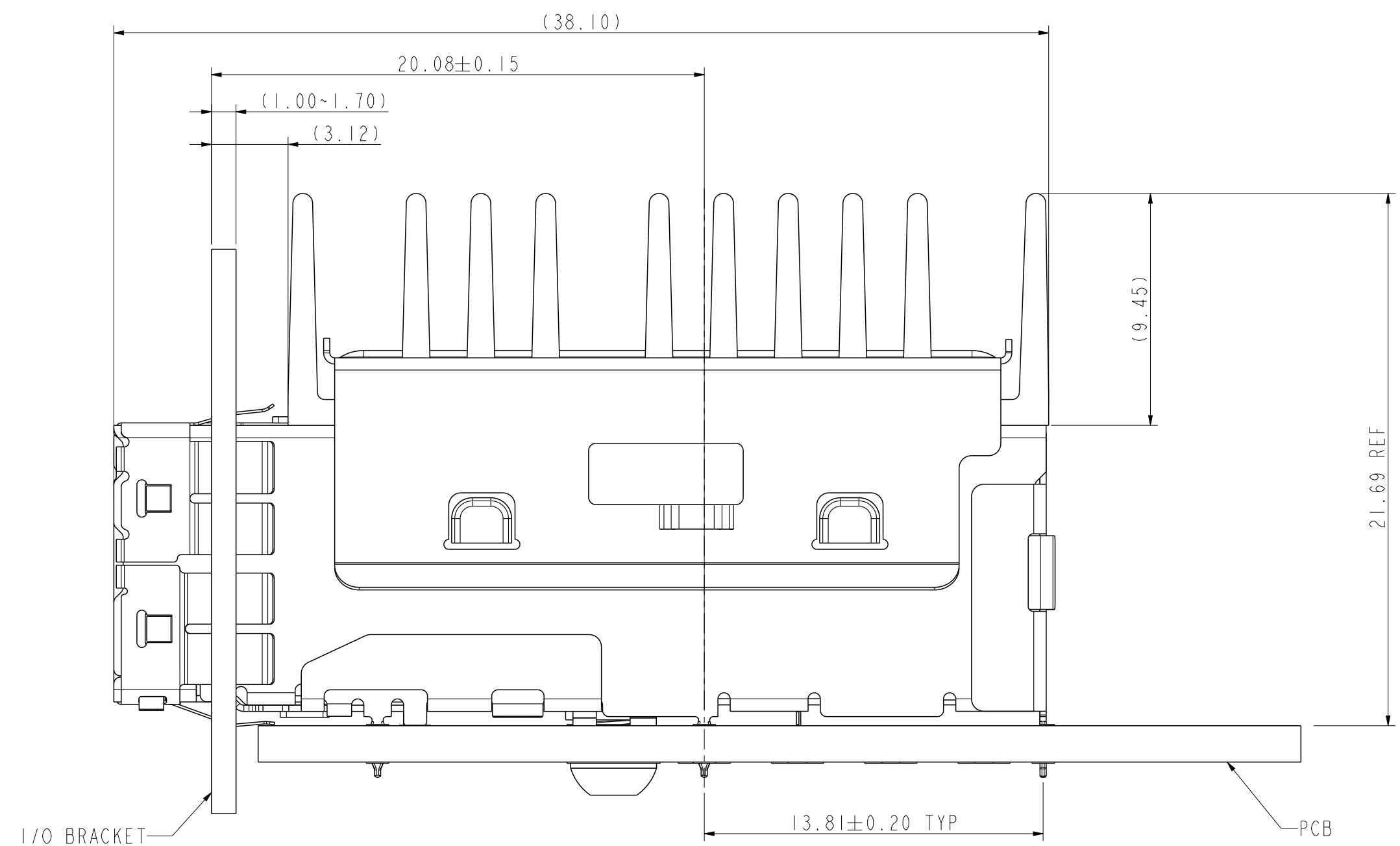
- NOTES:
- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
EMI CAGE: NICKEL SILVER ALLOY
EMI FINGERS: COPPER ALLOY
TERMINALS: COPPER ALLOY
HEAT SINK CLIP: STAINLESS STEEL
HEAT SINK: ALUMINIUM ALLOY
 - FINISHES:
EMI FINGERS: 0.50um MIN NICKEL
CONTACT AREA: 0.76um MIN GOLD OVER 2.54um MIN NICKEL
TAIL AREA: OPTION 1: 0.76um - 1.52um TIN/LEAD (90/10) OVER 2.54um MIN NICKEL
OPTION 2: 0.76um - 1.52um TIN (LEAD FREE) OVER 2.54um MIN NICKEL
 - PRODUCT SPECIFICATION: GS-12-651.
 - PRODUCT PACKING SPECIFICATION: GS-14-1490.
EXTERNAL ASSEMBLY WITH WINDOWS WILL BE IN ONE BOX.
HEAT SINK AND HEAT SINK MOUNTING CLIP WILL BE IN EACH ONE BOX.
TALL THREE BOXES WILL BE IN A MASTER CARTON.
 - APPLICATION SPECIFICATION: GS-20-0327.
 - MOUNTING HARDWARE: M2X0.4 BUTTON HEAD SCREW
MOUNTING SCREW LENGTH: BOARD THICKNESS + 1.4mm MAX (0.9mm MIN).
2 REQUIRED PER ASSEMBLY.
MOUNTING HARDWARE NOT SUPPLIED.
 - THIS CONNECTOR IS DESIGNED TO MEET THE REQUIREMENTS OF
INDUSTRY SPECIFICATION SFF-8644.
 - HEAT SINK AND HEAT SINK MOUNTING CLIP FINAL ASSEMBLY
AFTER EXTERNAL ASSEMBLY WITH WINDOW APPLIED TO PCB.

MATES WITH MINI-SAS HD ENDS IN:	
10112041 SERIES (4X)	
10117771 SERIES (4X)	
10117946 SERIES (4X)	
10117949 SERIES (4X)	
10117947 SERIES (8X)	
10112359 SERIES (8X)	
10117950 SERIES (8X)	
10117948 SERIES (8X)	

spec ref -				dr Qin De-Feng 2012/11/28		projection		MM		size A2		scale 2.000	
tolerance std ISO 406 ISO 1101				eng Qin De-Feng 2013/03/11						ecn no -		rel level Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr Jon Qin 2013/03/11						product family MINI-SAS HD			
appr Pei-Ming Zheng 2013/03/11													
surface - /		linear		0.X ±0.5				title 1X2 EXTERNAL ASSEMBLY WITH HEAT SINK		dwg no 10112630		rev A	
		0.XX ±0.3											
ISOA 1302		angular 0° ±3°		0.XXX ±-									
www.fci.com				cat. no. -		Product - Customer Drw				sheet 1 of 6			

EXTERNAL ASSEMBLY WITH
WINDOW APPLIED TO PCB
10112627-103 & 103LF

10112630-101 & 101LF
WITH HEAT SINKS
(HEAT SINK AND HEAT SINK
MOUNTING CLIP FINAL ASSEMBLY
BY CUSTOMER)

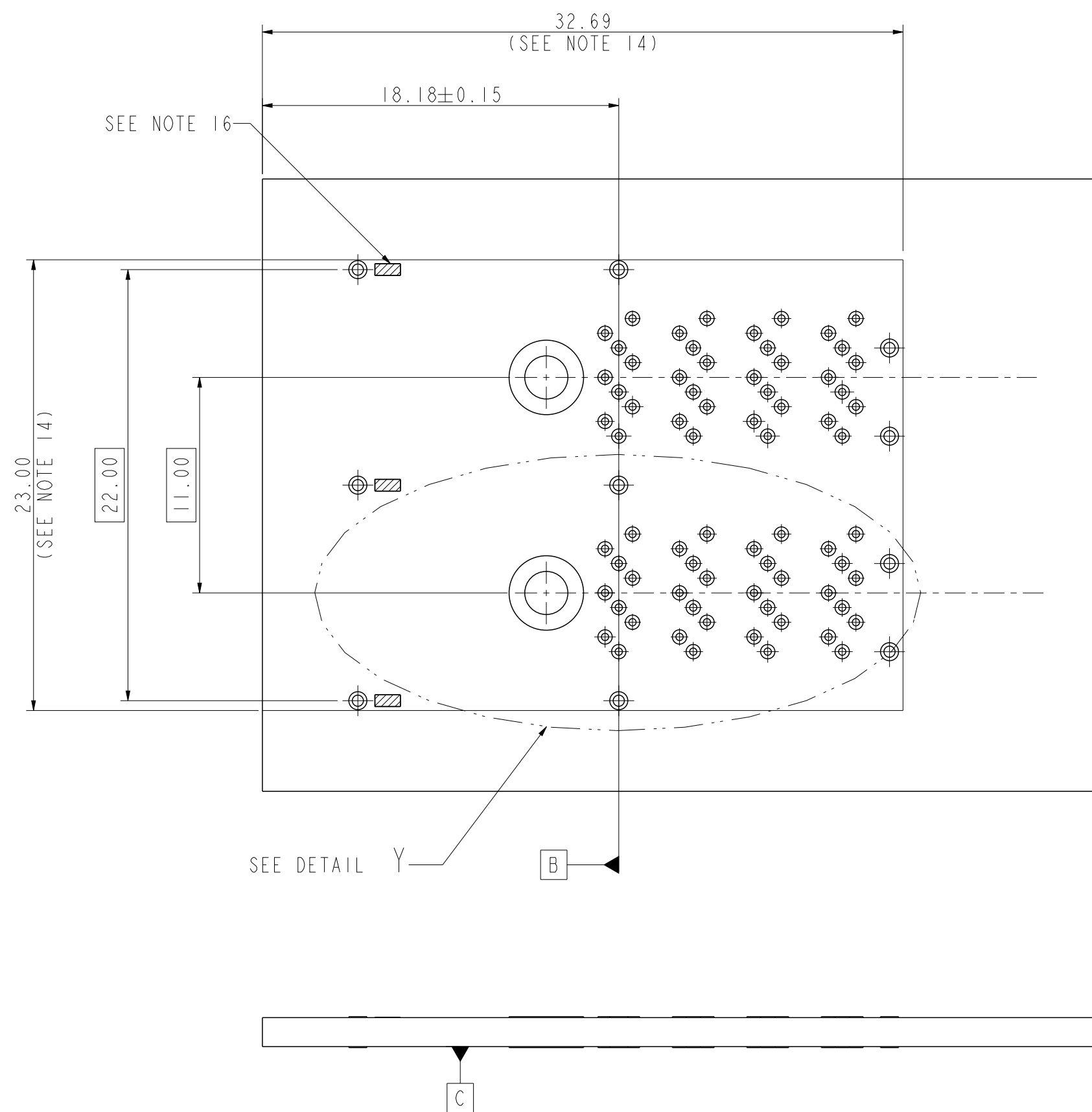


ASSEMBLED VIEW
WITH HEAT SINKS
SCALE 5:1

I/O BRACKET CUT OUT
(BRACKET NOT INCLUDED)

SCALE 4.000

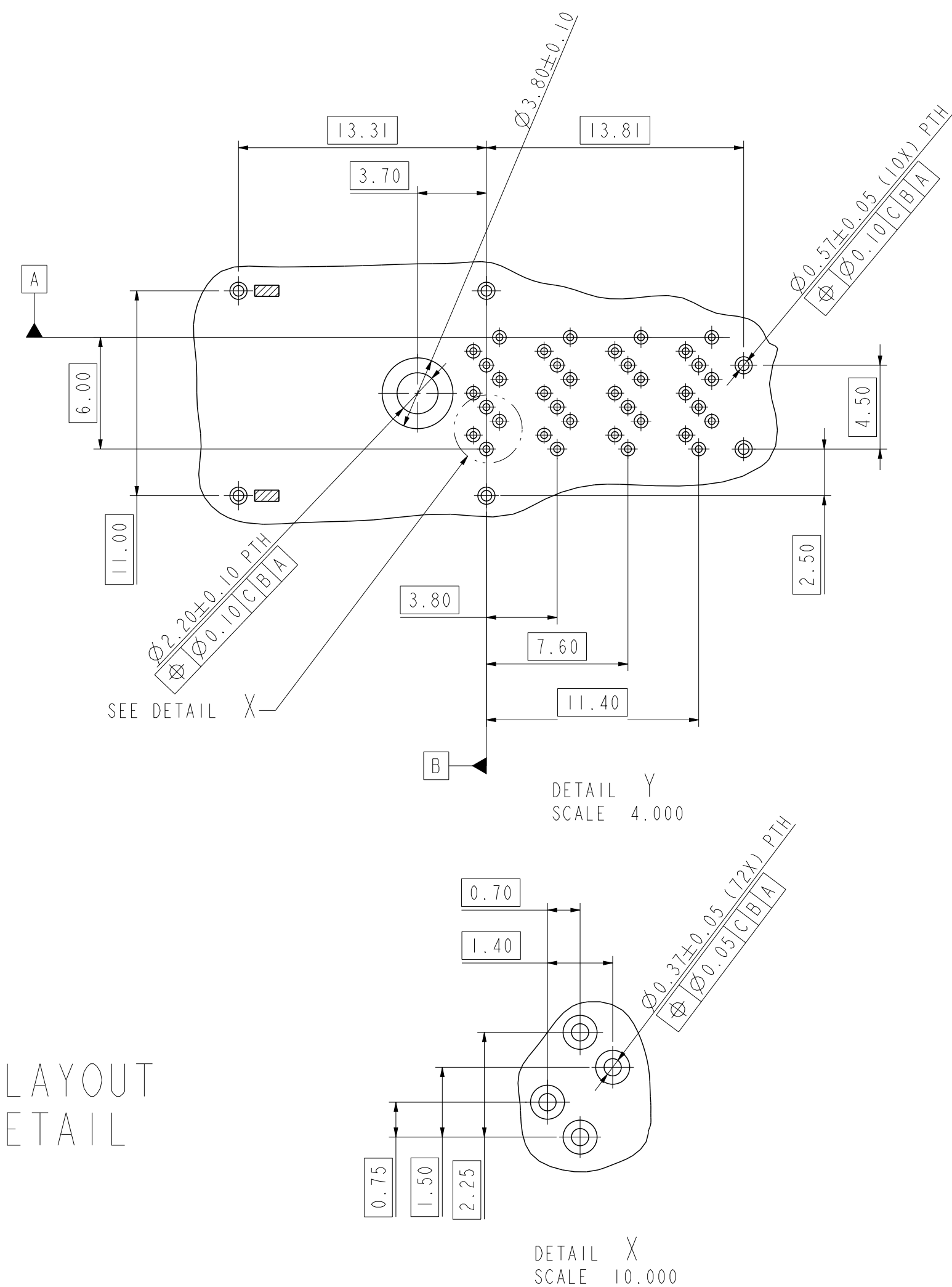
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Qin De-Feng		2013/03/11						ecn no		-		rel level		Released	
ISO 406																					
ISO 1101																					
ISO 1101				chr		Jon Qin		2013/03/11													
				appr		Pei-Ming Zheng		2013/03/11		product family		MINI-SAS HD									
surface		-		linear				title		1X2 EXTERNAL ASSEMBLY WITH HEAT SINK MINI-SAS HD		dwg no		10112630		rev		A			
				0.X				±0.5													
				0.XX				±0.3													
				0.XXX																	
ISOA 1302				angular		0°		±3°													
						www.fci.com		cat. no.		-		Product - Customer Drw						sheet 2 of 6			



RECOMMENDED BOARD LAYOUT
SEE SFF-8644 FOR DETAIL

NOTES:

9. RECOMMENDED DRILL SIZE FOR $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.457$.
10. RECOMMENDED ANNULAR RING AROUND $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.73$.
11. RECOMMENDED DRILL SIZE FOR $\varnothing 0.57$ FINISHED PTH IS $\varnothing 0.68$.
12. RECOMMENDED ANNULAR RING AROUND $\varnothing 0.57$ FINISHED PTH IS $\varnothing 0.93$.
13. MINIMUM RECOMMENDED CENTER TO CENTER SPACING BETWEEN ADJACENT CONNECTORS: 25.00mm.
14. CONNECTOR KEEP OUT AREA.
15. MINIMUM PCB THICKNESS: 1.57mm.
16. CAGE STAND OFF AREA, NO TRACES ON SURFACE OF PCB IN THE AREAS.



spec ref		-		dr		Qin De-Feng		2012/11/28		projection		MM		size		A2		scale		1:000	
tolerance std		ISO 406		eng		Qin De-Feng		2013/03/11						ecn no		-		rel level		Released	
ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Jon Qin		2013/03/11						product family		MINI-SAS HD					
surface		ISOA 1302		appr		Pei-Ming Zheng		2013/03/11		title		1X2 EXTERNAL ASSEMBLY WITH HEAT SINK		dwg no		10112630		rev		A	
linear		0.X ±0.5		FCI		cat. no.		-		Product		Customer Drw		sheet 3 of 6							
angular		0° ±3°		www.fci.com																	

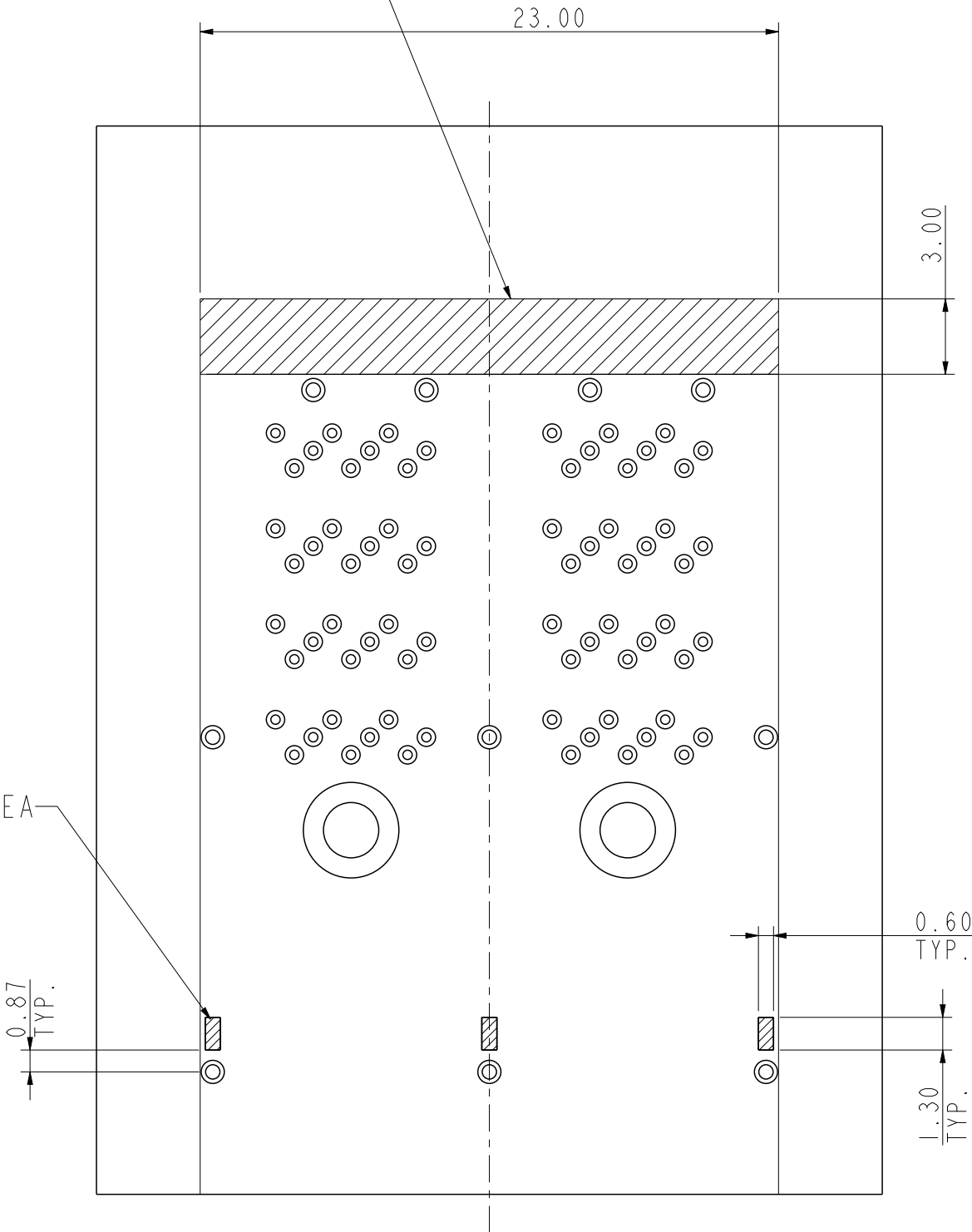
PDS: Rev :A

STATUS:Released

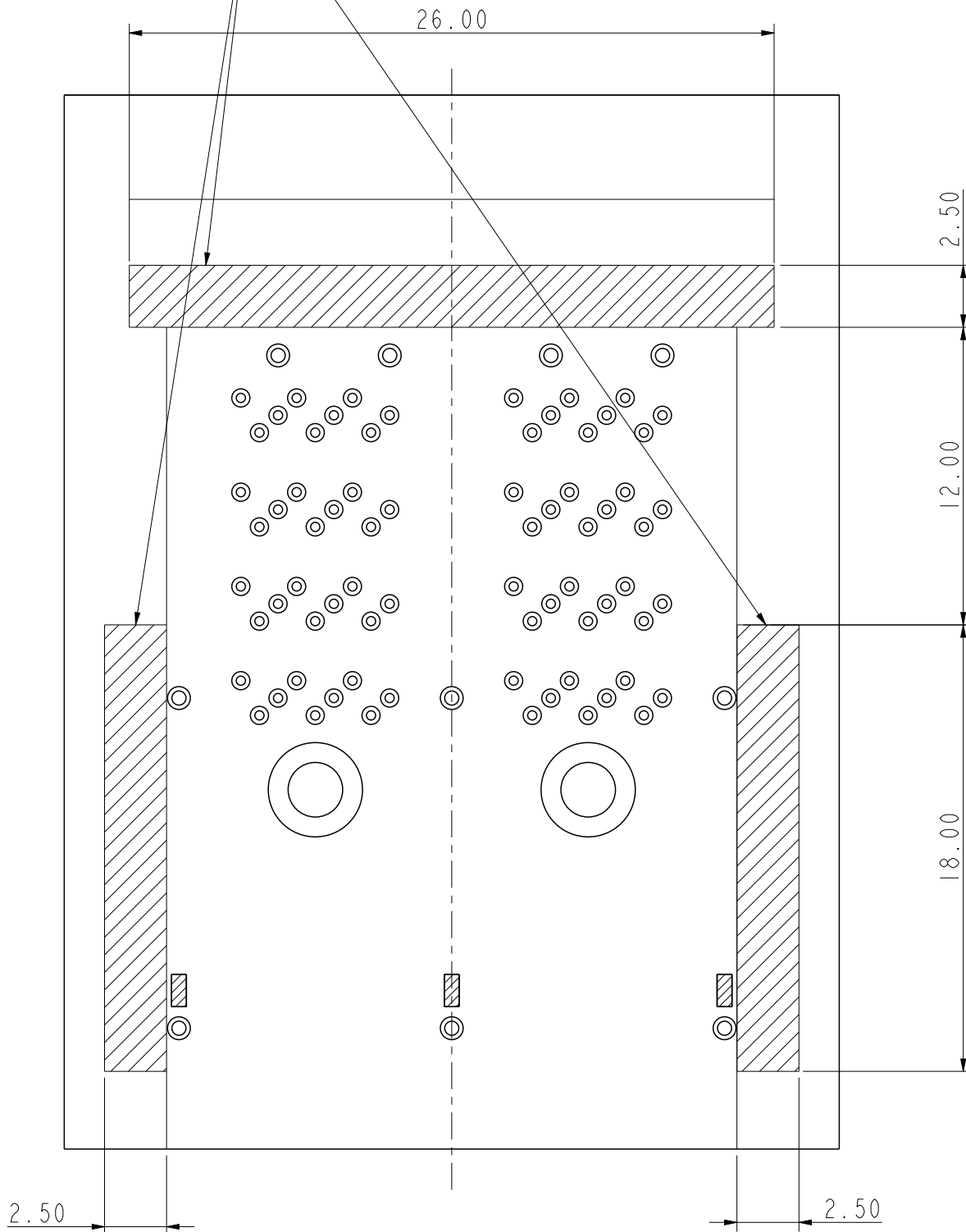
Printed: Mar 12, 2013

RECOMMENDED KEEP OUT AREAS

RECOMMENDED INSERTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THIS AREA
MORE THAN 7.50mm TALL



RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



CAGE STAND OFF KEEP OUT AREA



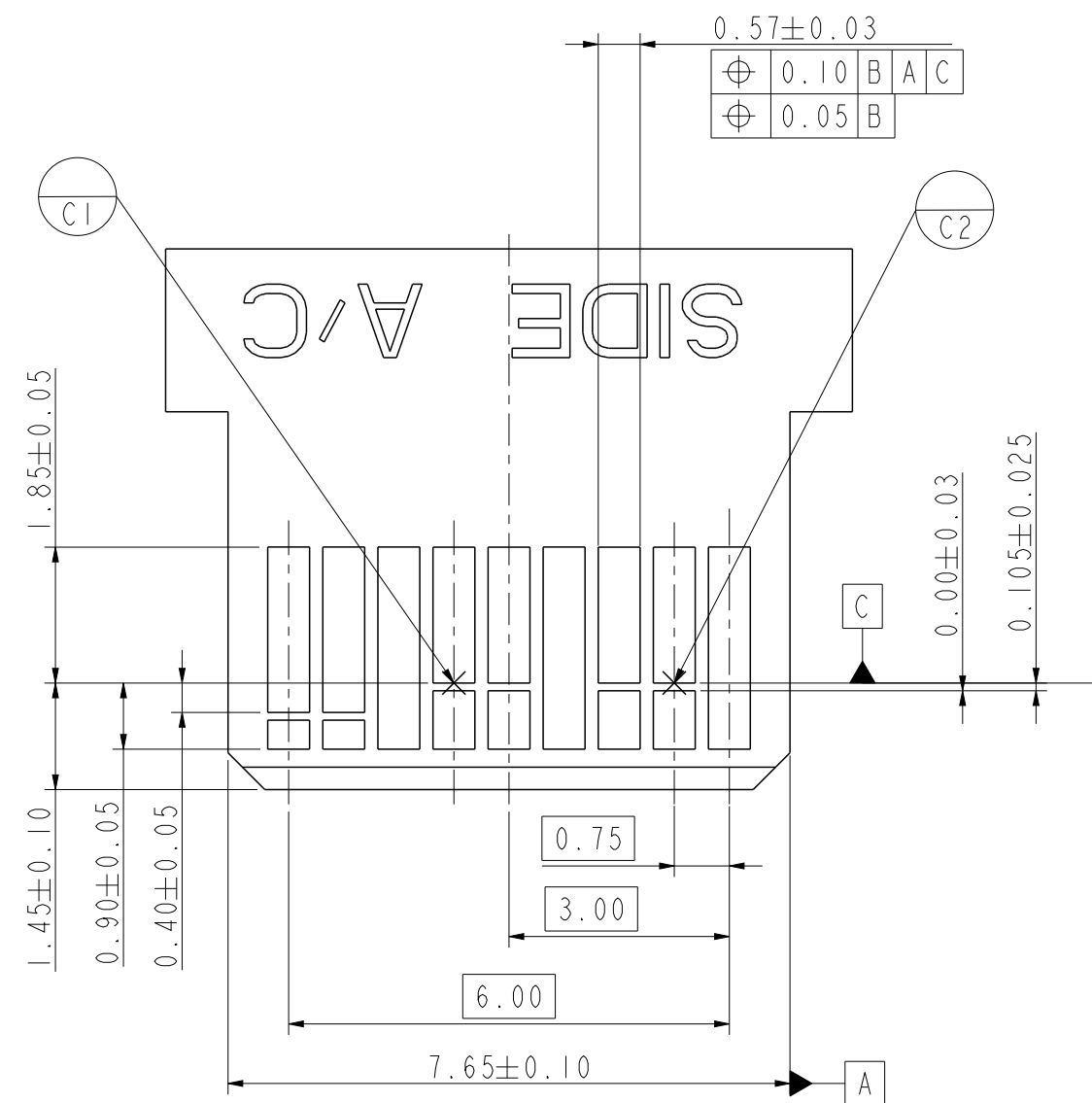
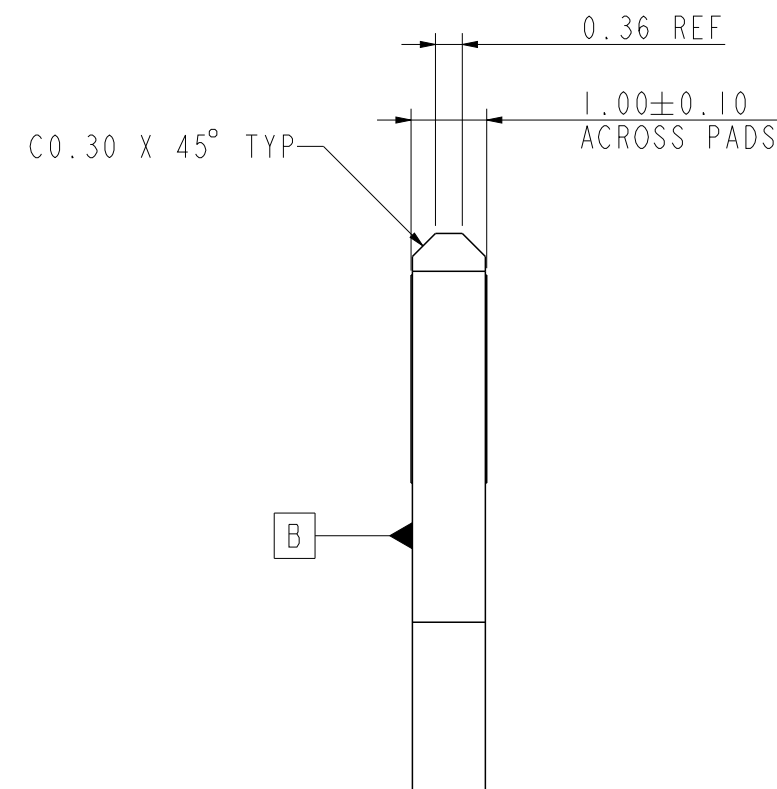
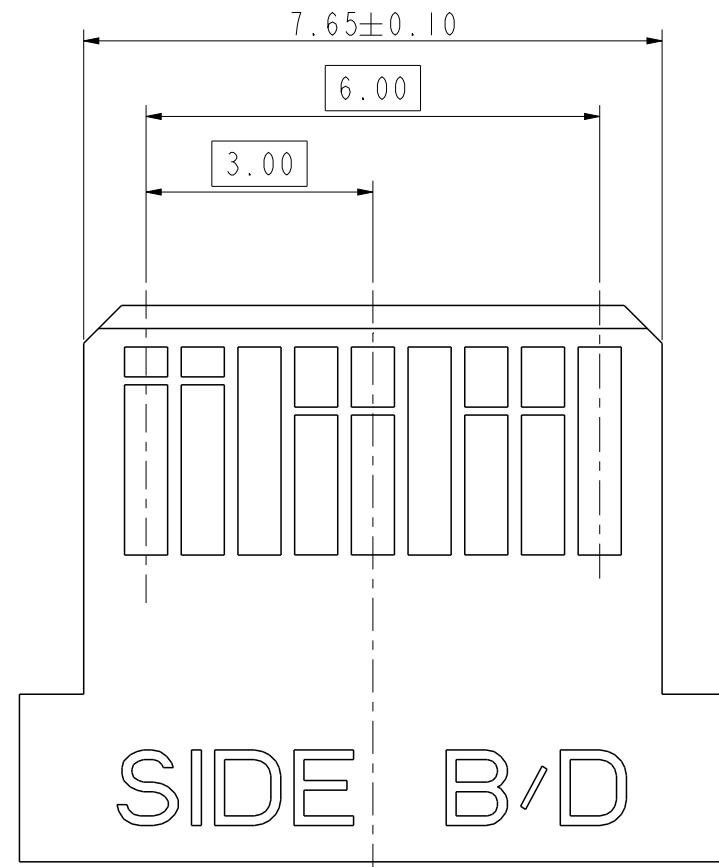
Copyright FCI.

spec ref -		dr		Qin De-Feng	2012/11/28	projection MM	size	A2	scale	1.000									
tolerance std		eng		Qin De-Feng	2013/03/11		ecn no	-											
ISO 406		chr		Jon Qin	2013/03/11														
ISO 1101		appr		Pei-Ming Zheng	2013/03/11														
						product family		MINI-SAS HD			rel level	Released							
surface ✓	linear	0.X		±0.5		FCi	title				IX2 EXTERNAL ASSEMBLY WITH HEAT SINK				dwg no	10112630		rev	A
		0.XX		±0.3															
		0.XXX		±-															
	angular		0°		±3°														
ISOA 1302						www.fci.com		cat. no.		-		Product - Customer Drw				sheet 4 of 6			

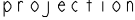
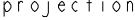


NOTES:

17. 0.05 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS.
18. DATUM C TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS.



RECOMMENDED PLUG PADDLE CARD
SEE SFF-8644 FOR DETAIL

spec ref		-		dr		Qin De-Feng		2012/11/28		projection				MM		size		A2		scale		1.000	
tolerance std		ISO 406		eng		Qin De-Feng		2013/03/11						ecn no		-		rel level		Released			
ISO 1101		chr		Jon Qin		2013/03/11																	
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr		Pei-Ming Zheng		2013/03/11																	
		product family		MINI-SAS HD																			
		surface		linear		0.X		±0.5		FCI		title		1X2 EXTERNAL ASSEMBLY WITH HEAT SINK		dwg no		10112630		rev		A	
ISOA 1302		angular		0°		±3°		www.fci.com		cat. no.		-		Product -		Customer Drw		sheet 6 of 6					

Данный компонент на территории Российской Федерации

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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