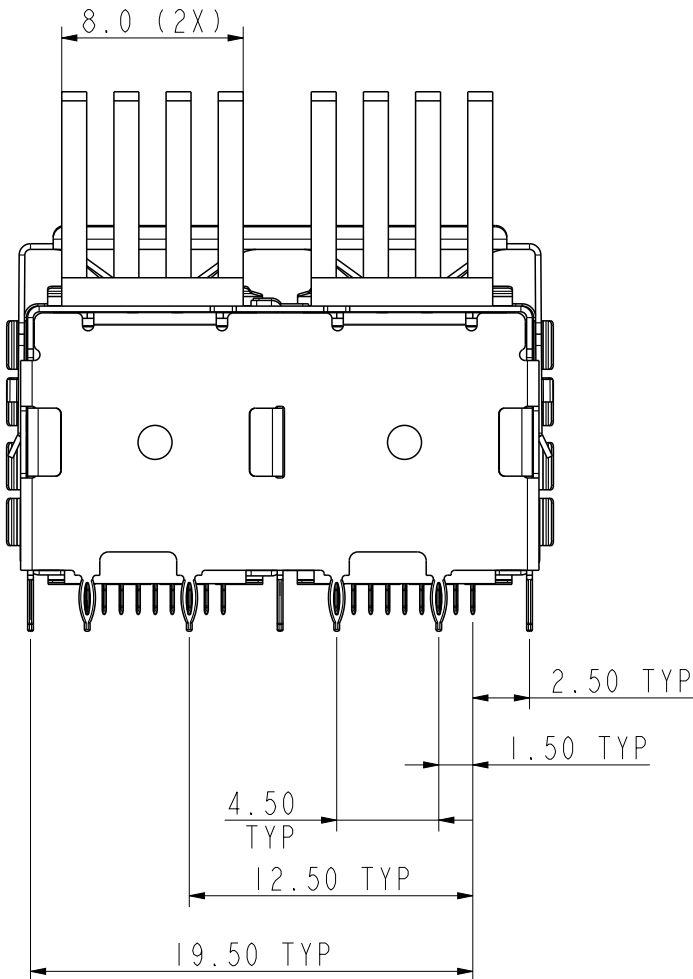
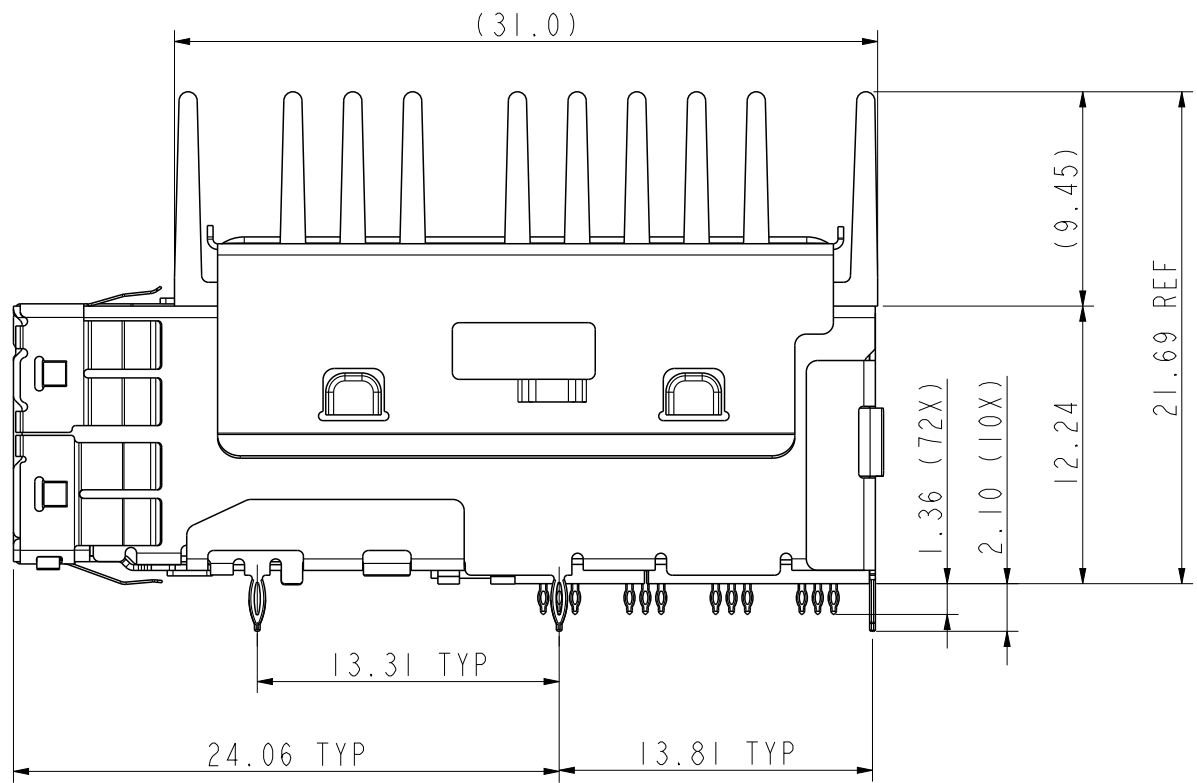
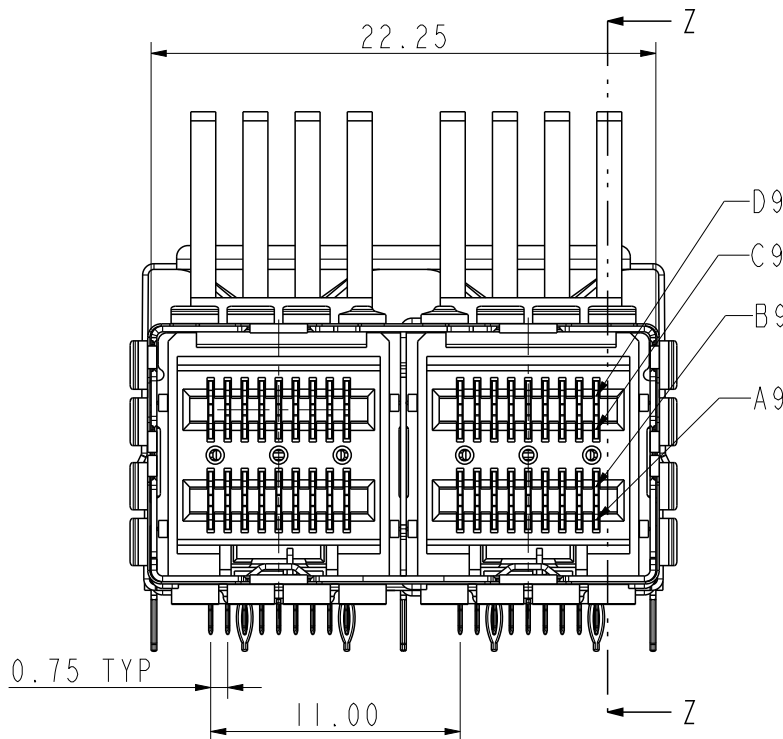
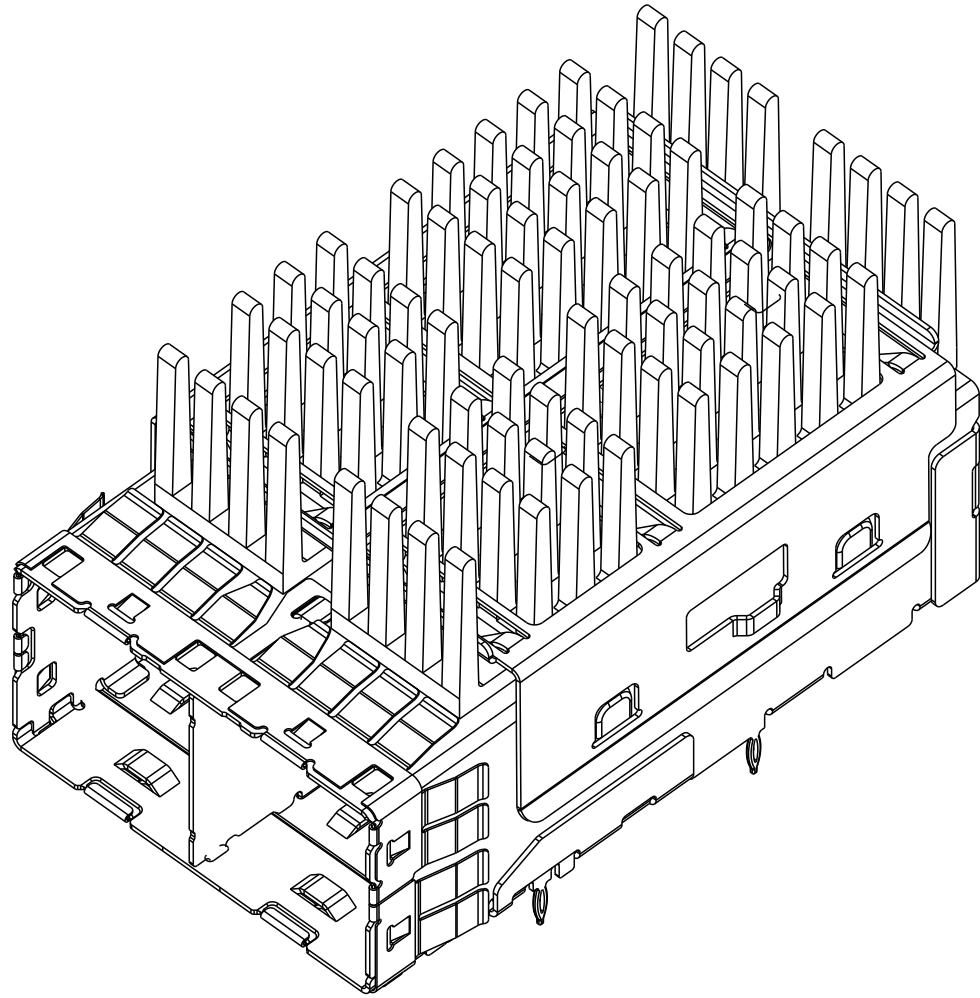
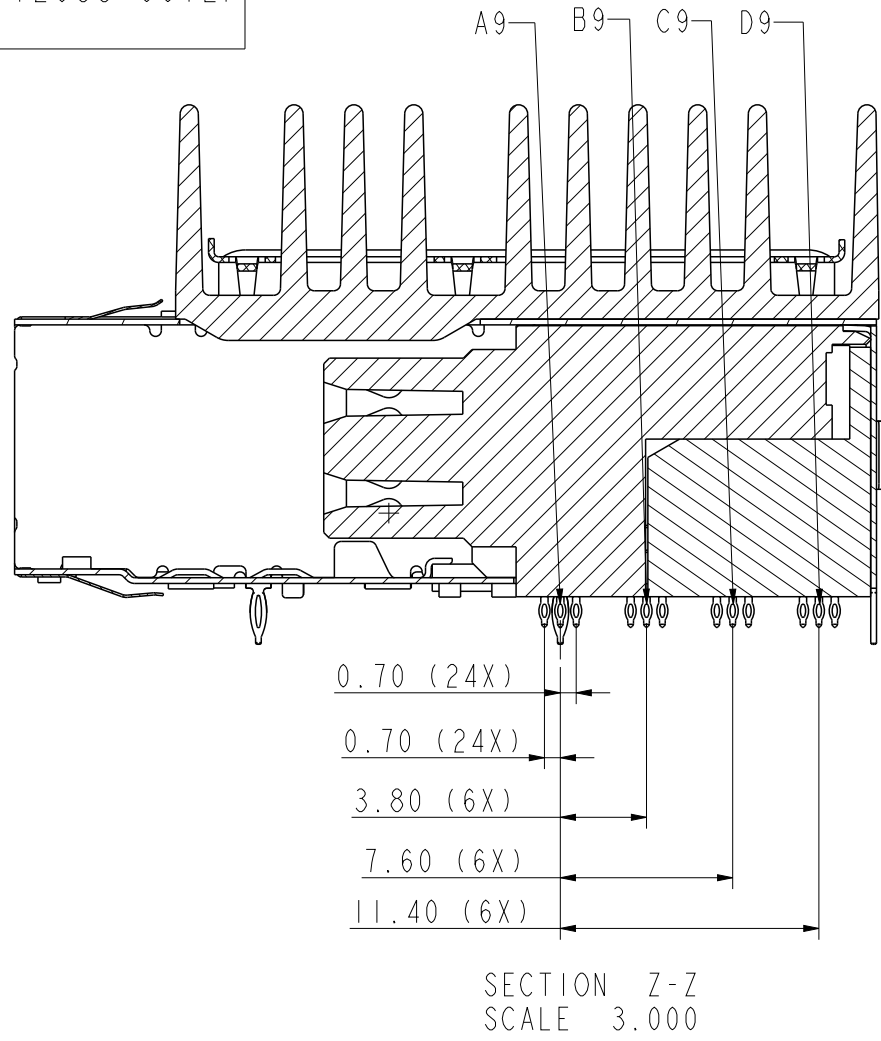
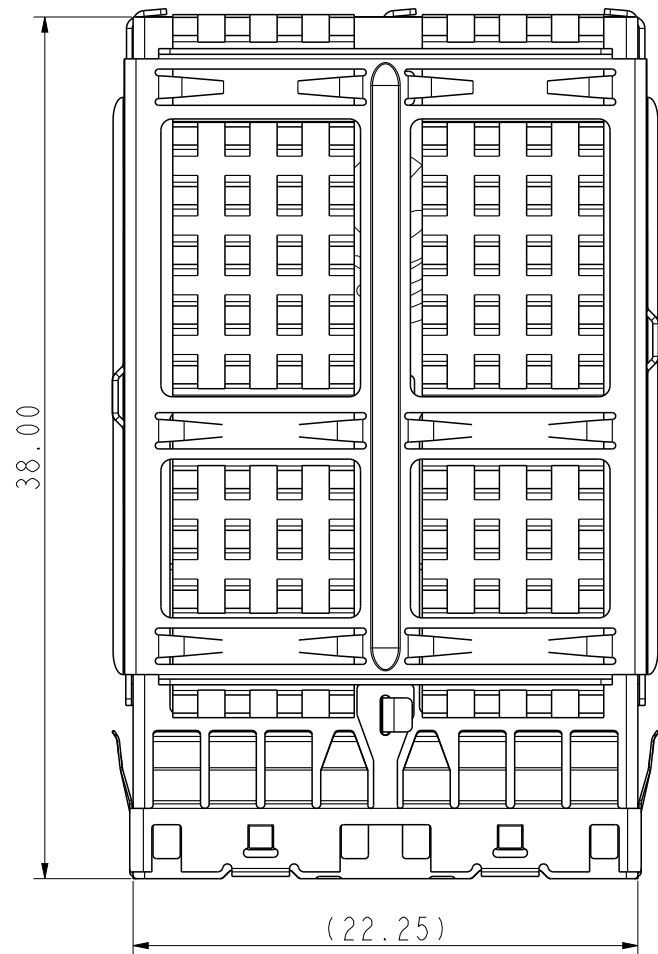


1	2	3	4	5	6	7	8
PRODUCT NUMBER	TAIL PLATING OPTION, SEE NOTE 2	1X2 EXTERNAL ASSEMBLY WITH WINDOWS	HEAT SINK MOUNTING CLIP(1X2)	HEAT SINK			
10112630-101	OPTION 1	10112627-103	10112656-002LF	10112655-001LF			
10112630-101LF	OPTION 2	10112627-103LF					



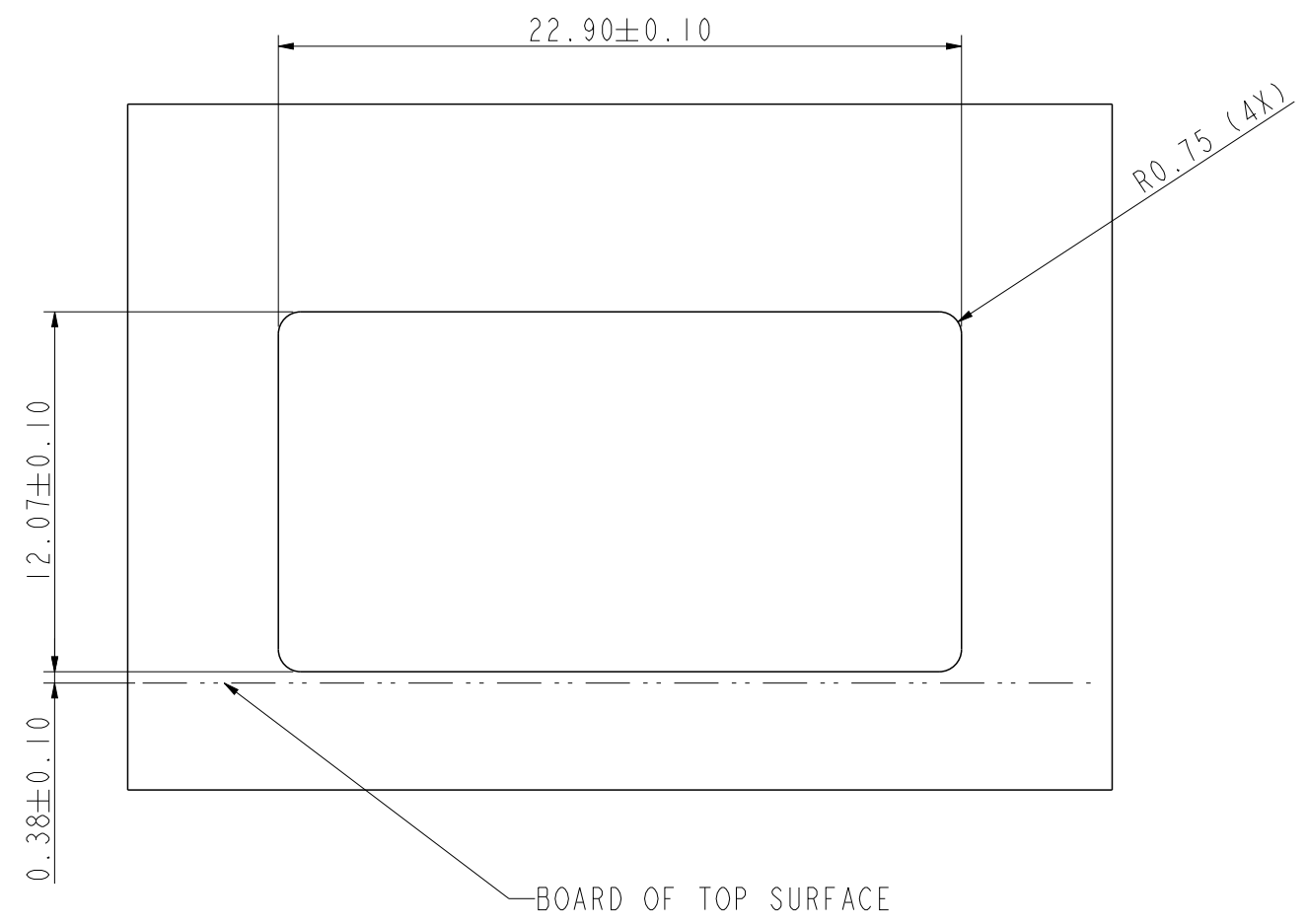
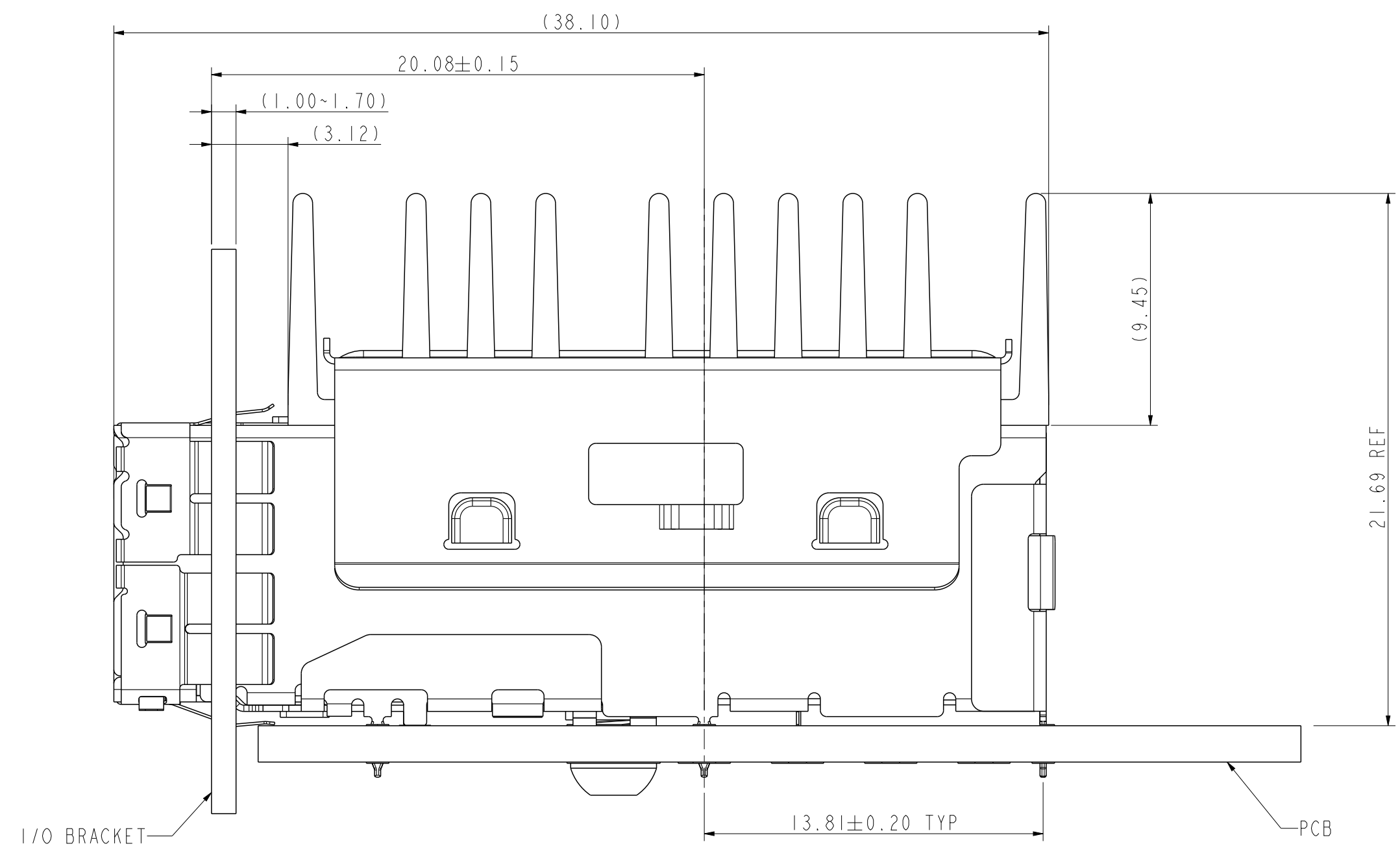
- NOTES:
- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
EMI CAGE: NICKEL SILVER ALLOY
EMI FINGERS: COPPER ALLOY
TERMINALS: COPPER ALLOY
HEAT SINK CLIP: STAINLESS STEEL
HEAT SINK: ALUMINIUM ALLOY
 - FINISHES:
EMI FINGERS: 0.50um MIN NICKEL
CONTACT AREA: 0.76um MIN 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.
TOTTALL THREE BOXS 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		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Qin De-Feng	2013/03/11				ecn no	-	rel level	Released	
ISO 406 ISO 1101				chr	Jon Qin	2013/03/11	product family		MINI-SAS HD					
surface		linear	0.X	±0.5		title	1X2 EXTERNAL ASSEMBLY WITH HEAT SINK			dwg no	10112630		rev	A
			0.XX	±0.3										
			0.XXX	±-										
	ISOA 1302	angular	0°	±3°										

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)



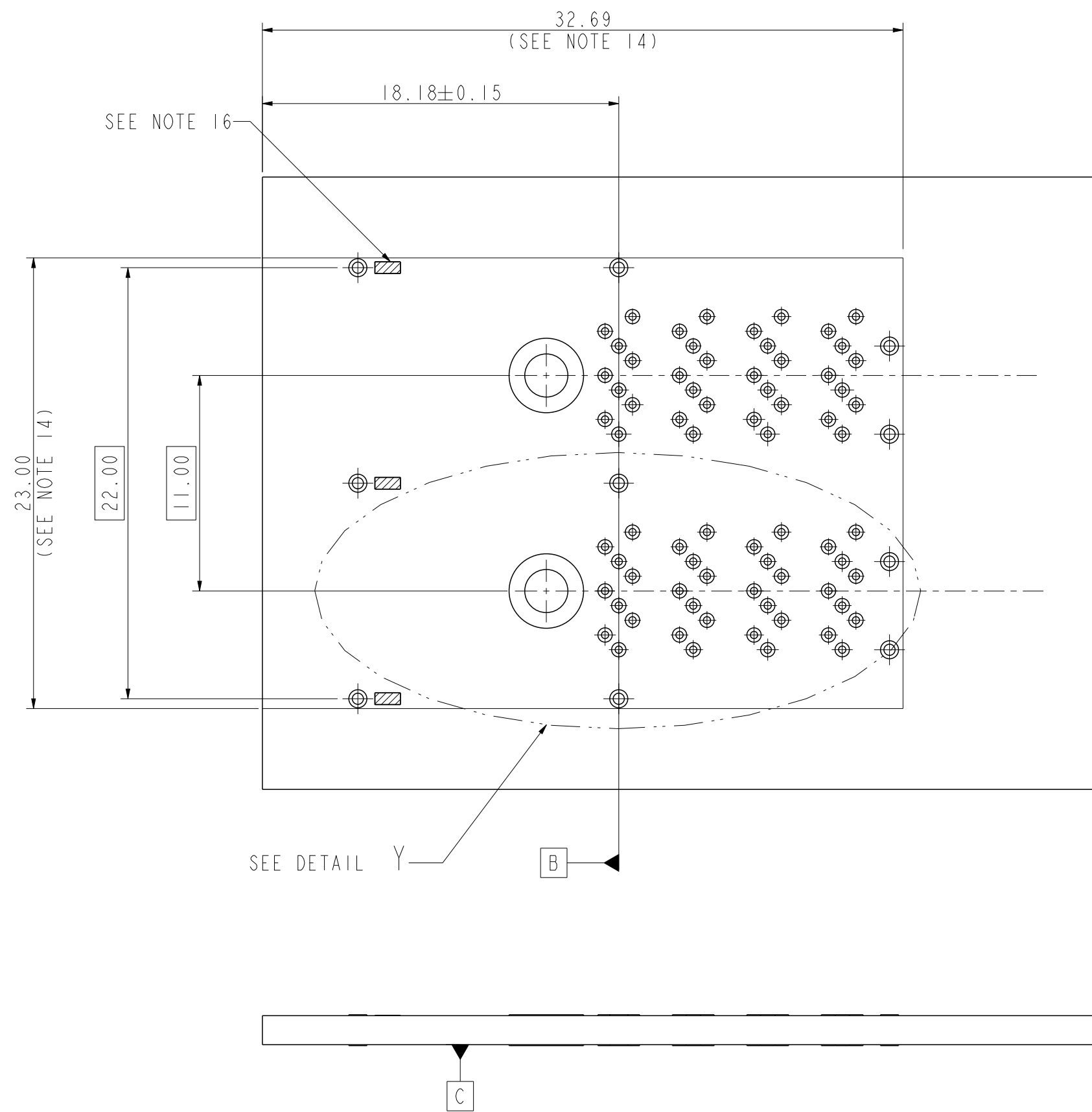
ASSEMBLED VIEW
WITH HEAT SINKS
SCALE 5:1

I/O BRACKET CUT OUT
(BRACKET NOT INCLUDED)

SCALE 4.000

Copyright FCI.
FCI

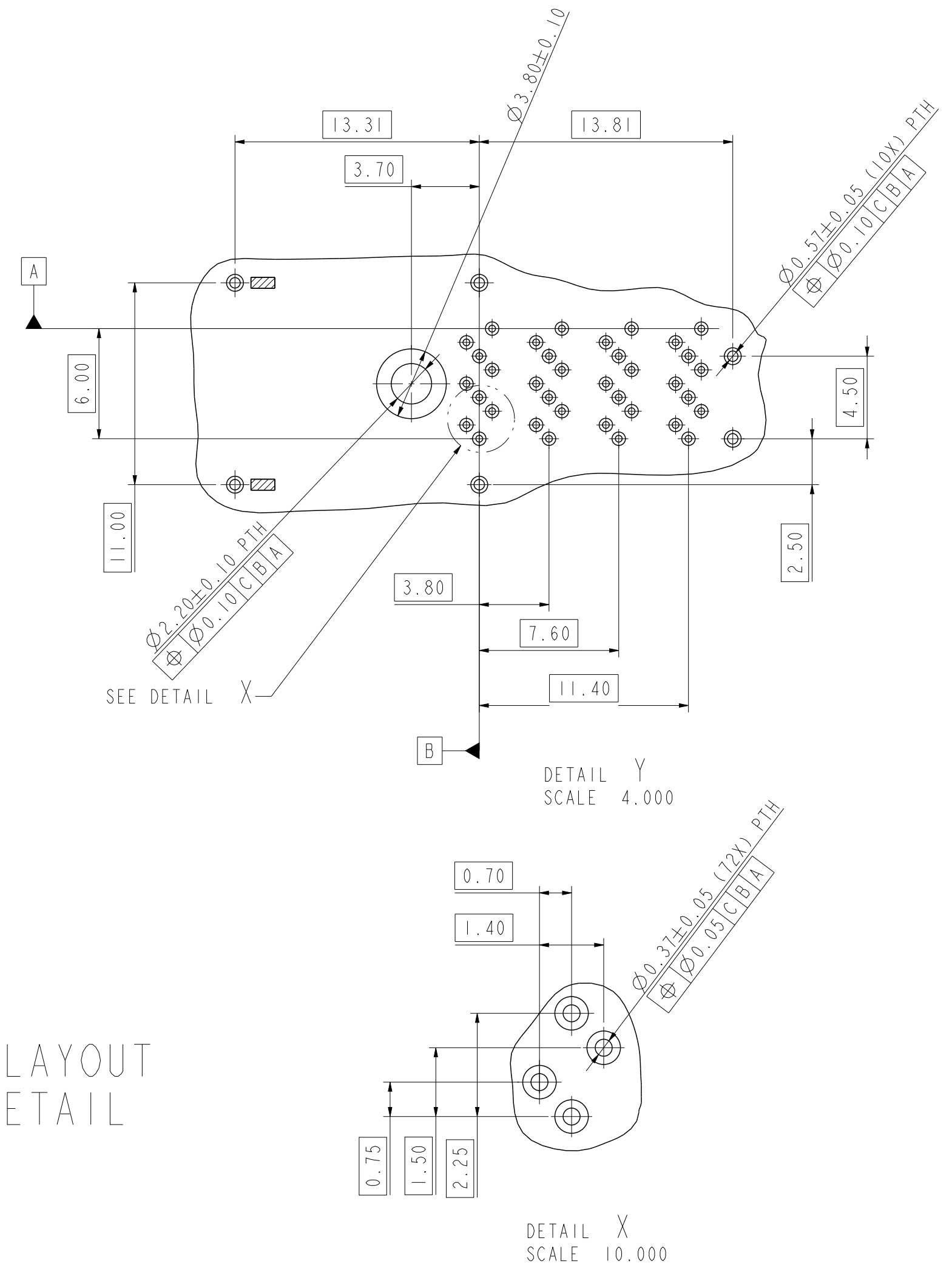
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Qin De-Feng		2013/03/11						ecn no		-		rel level		Released			
ISO 406				chr		Jon Qin		2013/03/11						product family		MINI-SAS HD							
ISO 1101				appr		Pei-Ming Zheng		2013/03/11					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

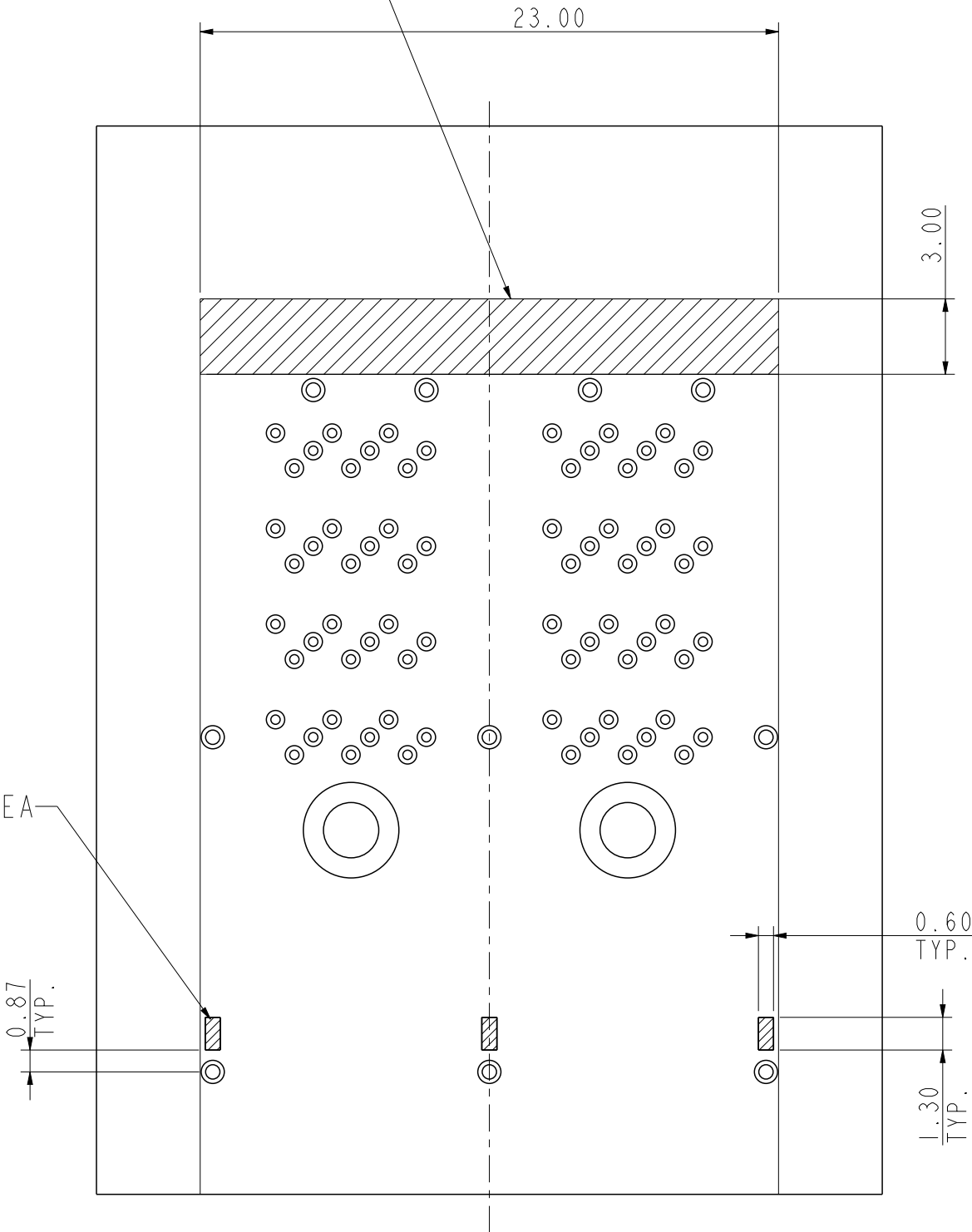
PDS: Rev :A

STATUS:Released

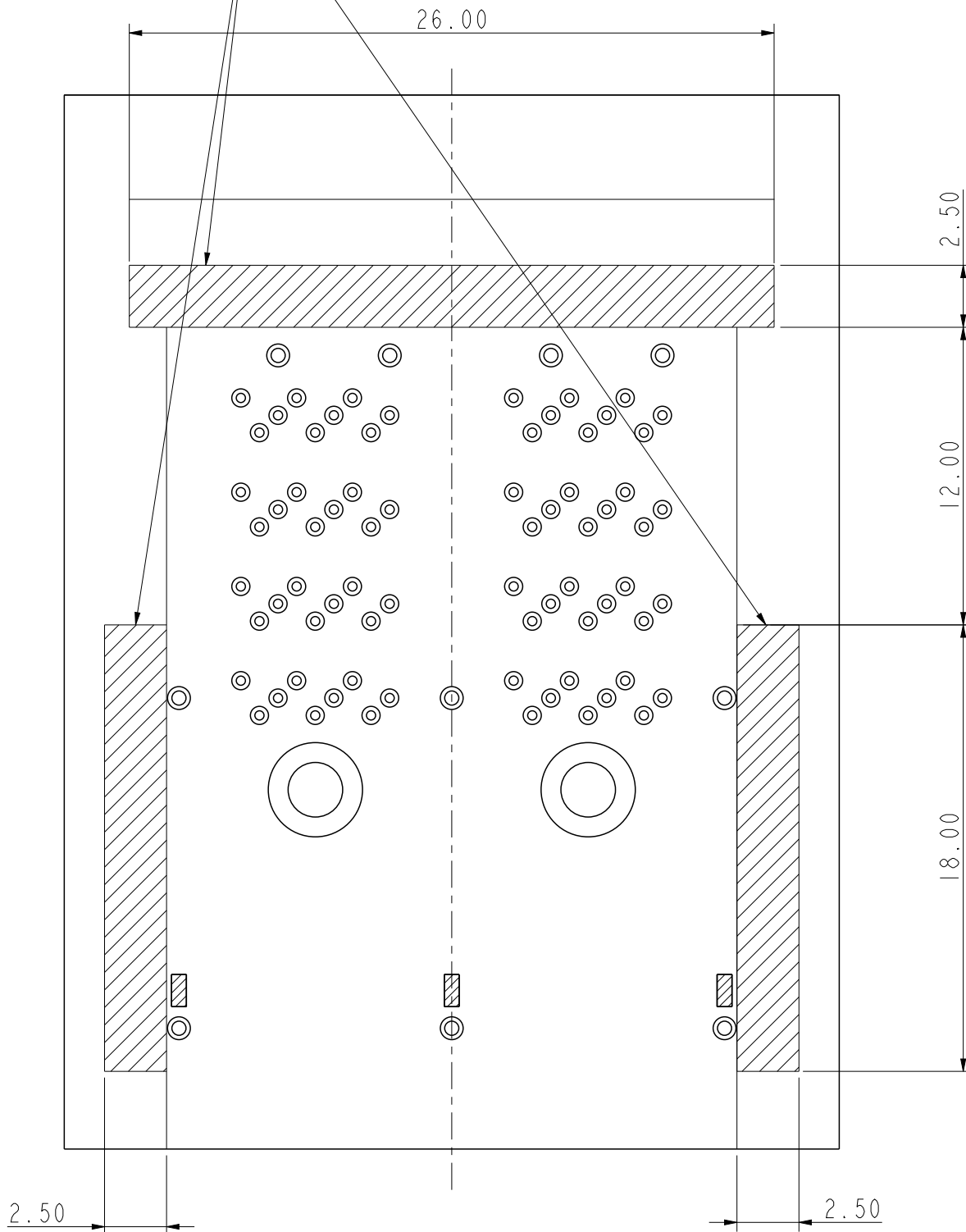
Printed: Mar 12, 2013

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



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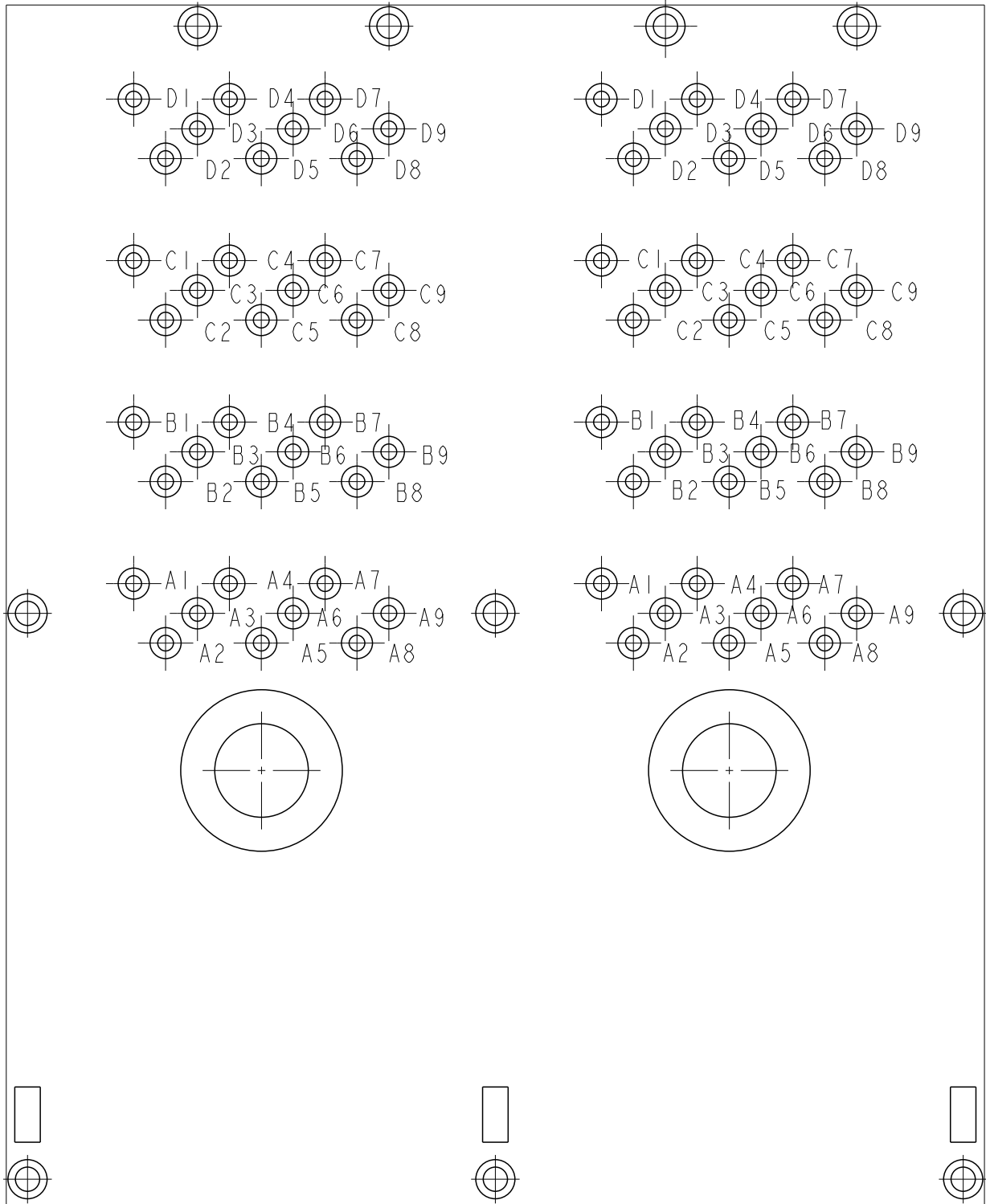
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tolerance std	ISO 406 ISO 1101	eng	Qin De-Feng	2013/03/11	chr	Jon Qin	ecn no	-	rel level	Released
surface	ISOA 1302	appr	Pei-Ming Zheng	2013/03/11	product family	MINI-SAS HD	cat. no.	10112630	rev	A
TOLERANCES UNLESS OTHERWISE SPECIFIED		FCI		1X2 EXTERNAL ASSEMBLY WITH HEAT SINK		Product - Customer Drw		sheet 4 of 6		
linear		0.X		±0.5		angular		0°		±3°
0.XX		±0.3		0.XXX		±				
angular		0°		±3°						

PDS: Rev :A

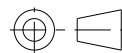
STATUS:Released

Printed: Mar 12, 2013

PIN OUT DESIGNATIONS



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spec ref		-		dr	Qin De-Feng	2012/11/28	projection		MM		size	A2	scale	1.000
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Qin De-Feng	2013/03/11	ecn no					-			
ISO 406 ISO 1101			chr	Jon Qin	2013/03/11	rel level					Released			
			appr	Pei-Ming Zheng	2013/03/11	product family		MINI-SAS HD						
surface		linear	0.X	±0.5		title	1X2 EXTERNAL ASSEMBLY WITH HEAT SINK MINI-SAS HD		dwg no	10112630		rev	A	
			0.XX	±0.3										
			0.XXX	±-										
ISOA 1302		angular	0°	±3°	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 5 of 6				

PDS: Rev :A

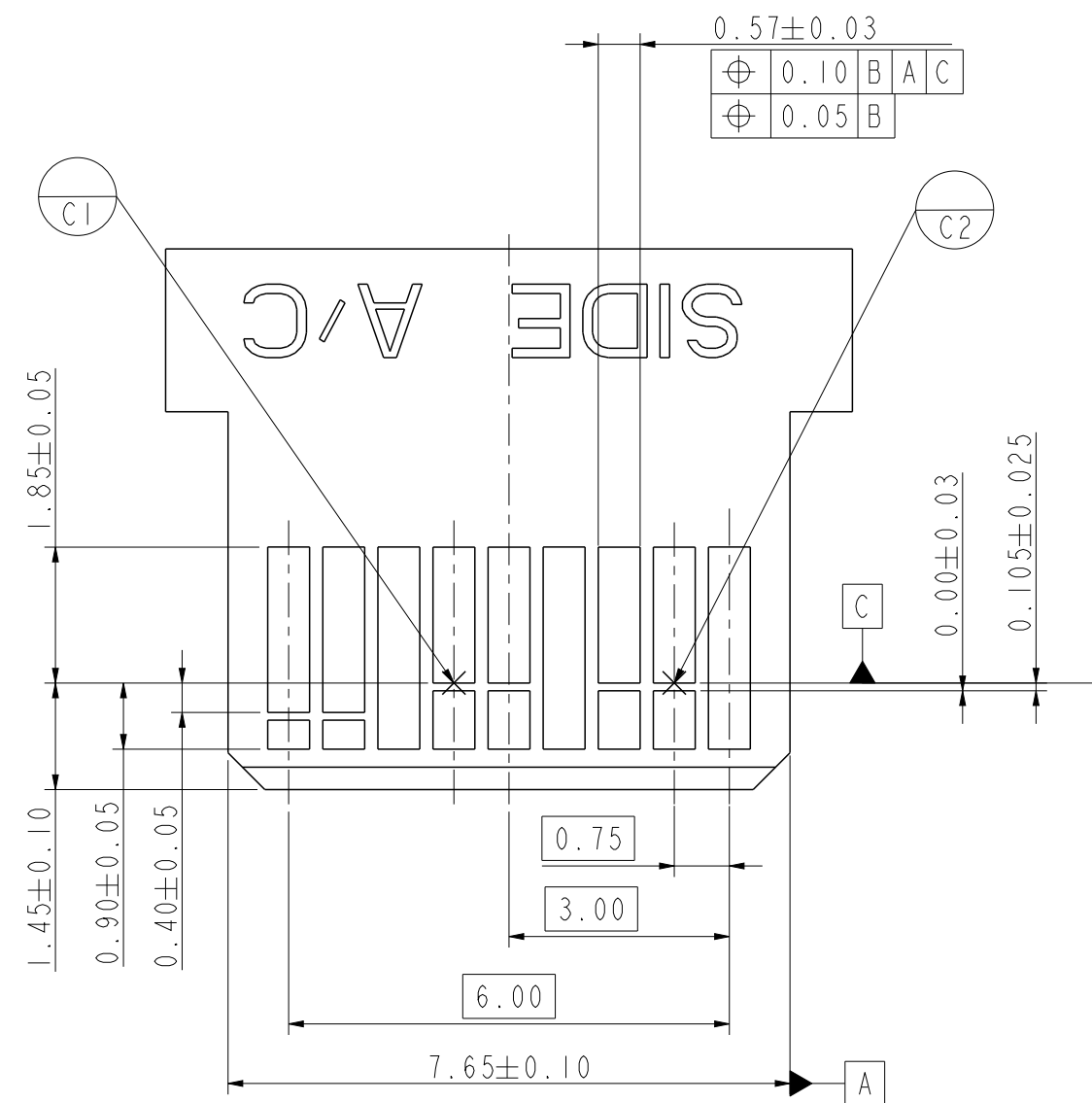
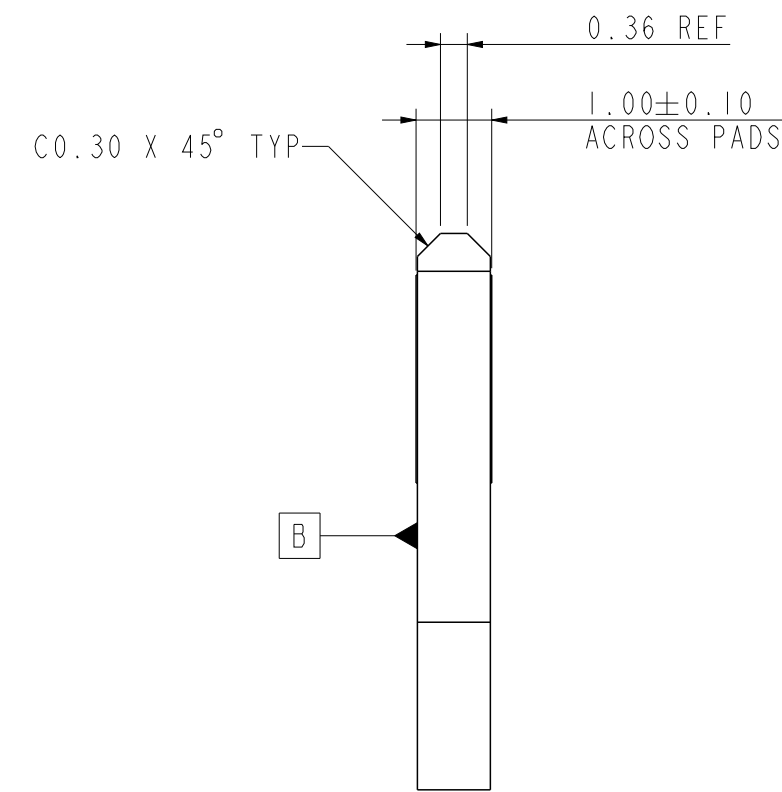
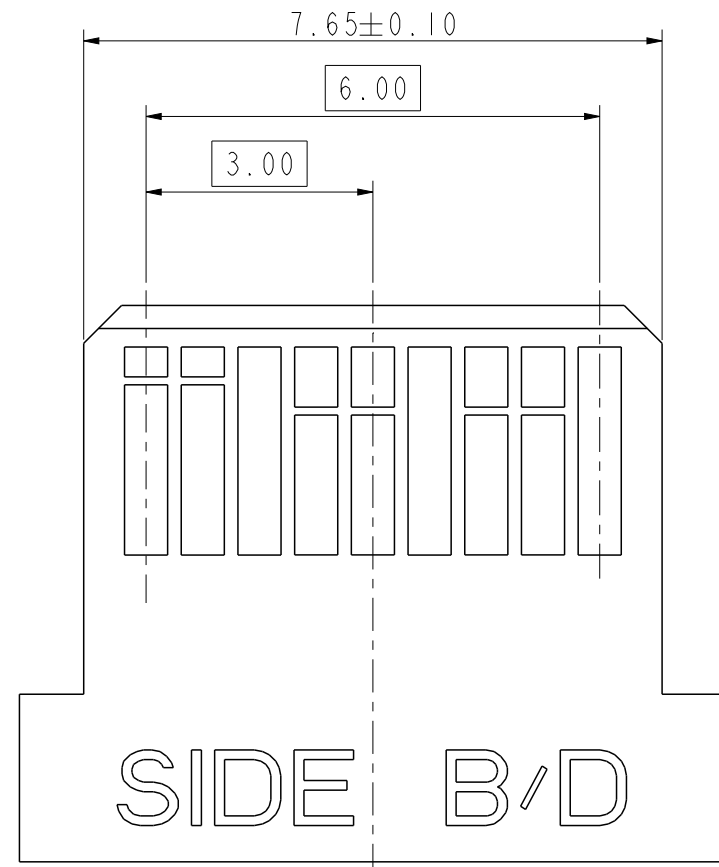
STATUS:Released

Printed: Mar 12, 2013



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



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- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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