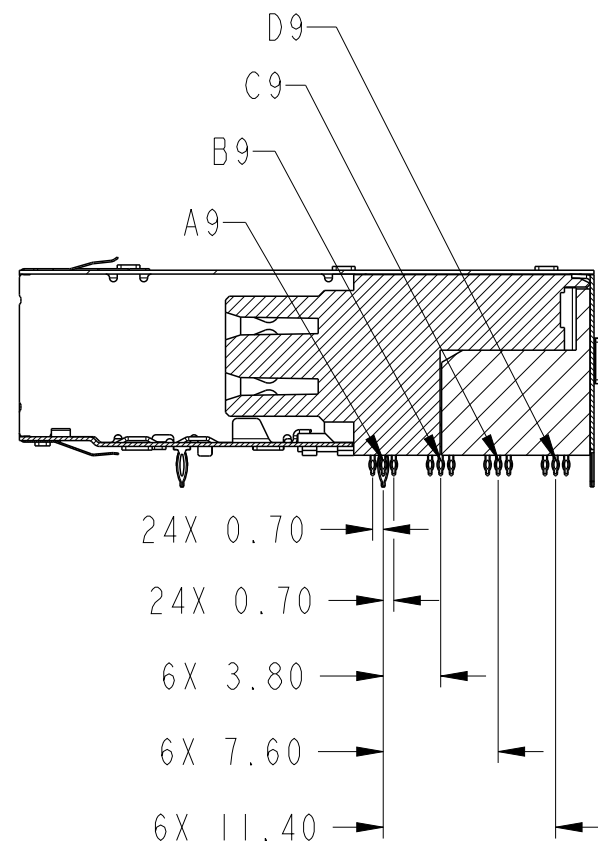
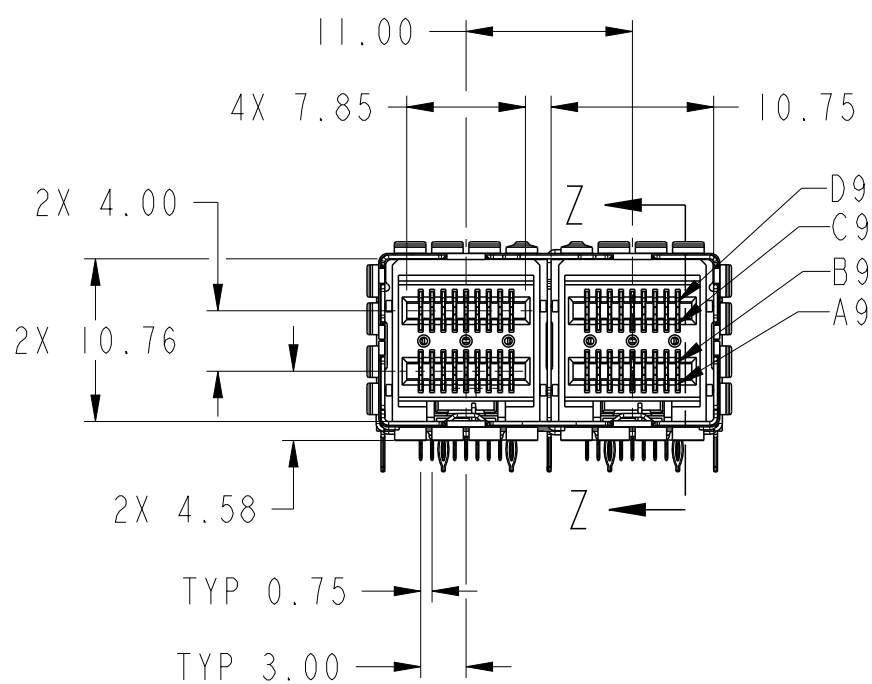
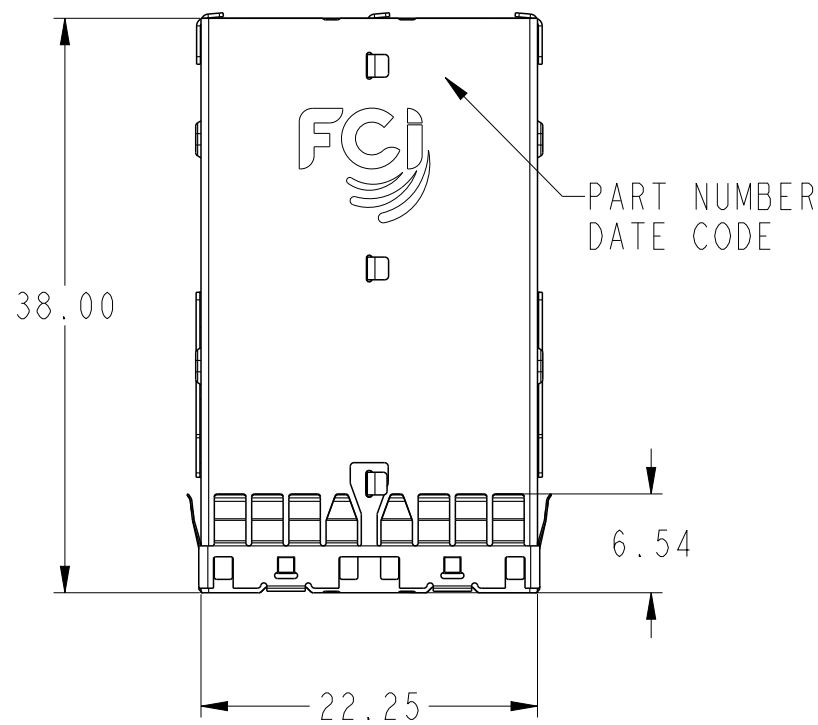
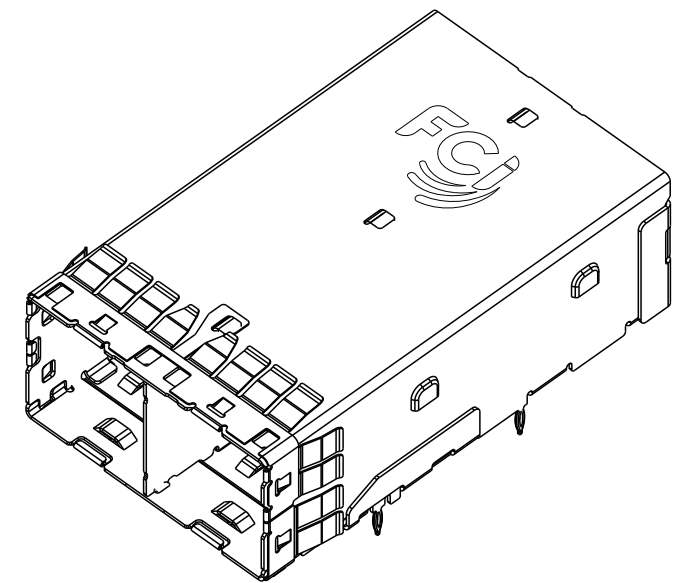
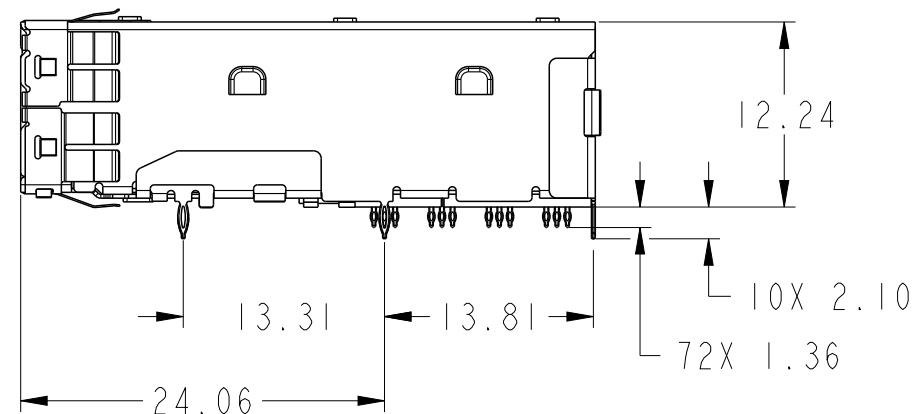


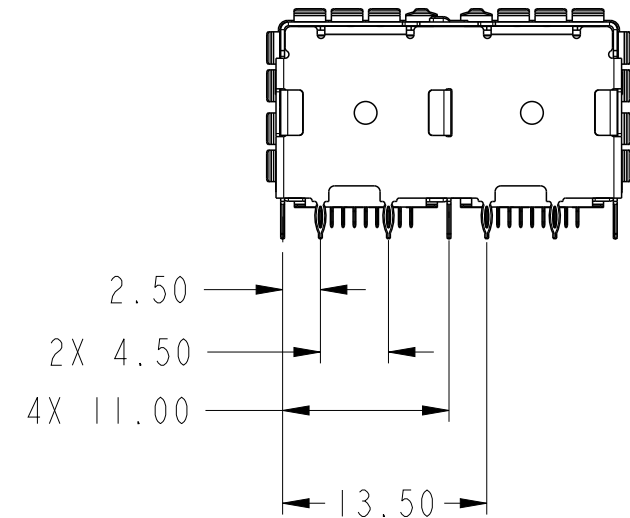
PRODUCT NUMBER	TAIL PLATING OPTION, SEE NOTE 2	DESCRIPTION
10112627-101	OPTION 1	WITHOUT STOPS
10112627-101LF	OPTION 2	WITHOUT STOPS
10112627-102	OPTION 1	WITH STOPS
10112627-102LF	OPTION 2	WITH STOPS



SECTION Z-Z
SCALE 2:1



10112627-101 & 101LF
WITHOUT STOPS



- NOTES:
- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
EMI CAGE: NICKEL SILVER ALLOY
EMI FINGERS: COPPER ALLOY
TERMINALS: COPPER ALLOY
 - FINISHES:
EMI FINGERS: 0.50µm MIN NICKEL
CONTACT AREA: 0.76µm MIN GOLD OVER 2.54µm MIN NICKEL
TAIL AREA:
OPTION 1: 0.76µm - 1.52µm TIN/LEAD (90/10) OVER 2.54µm MIN NICKEL
OPTION 2: 0.76µm - 1.52µm TIN (LEAD FREE) OVER 2.54µm MIN NICKEL

- PRODUCT SPECIFICATION: GS-12-651.
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
- THIS CONNECTOR IS DESIGNED TO MEET THE REQUIREMENTS OF
INDUSTRY SPECIFICATION SFF-8644.
- THE USE OF A PCI BRACKET OR EQUIVALENT IS REQUIRED FOR THIS PRODUCT
- A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE THAT
HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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)			

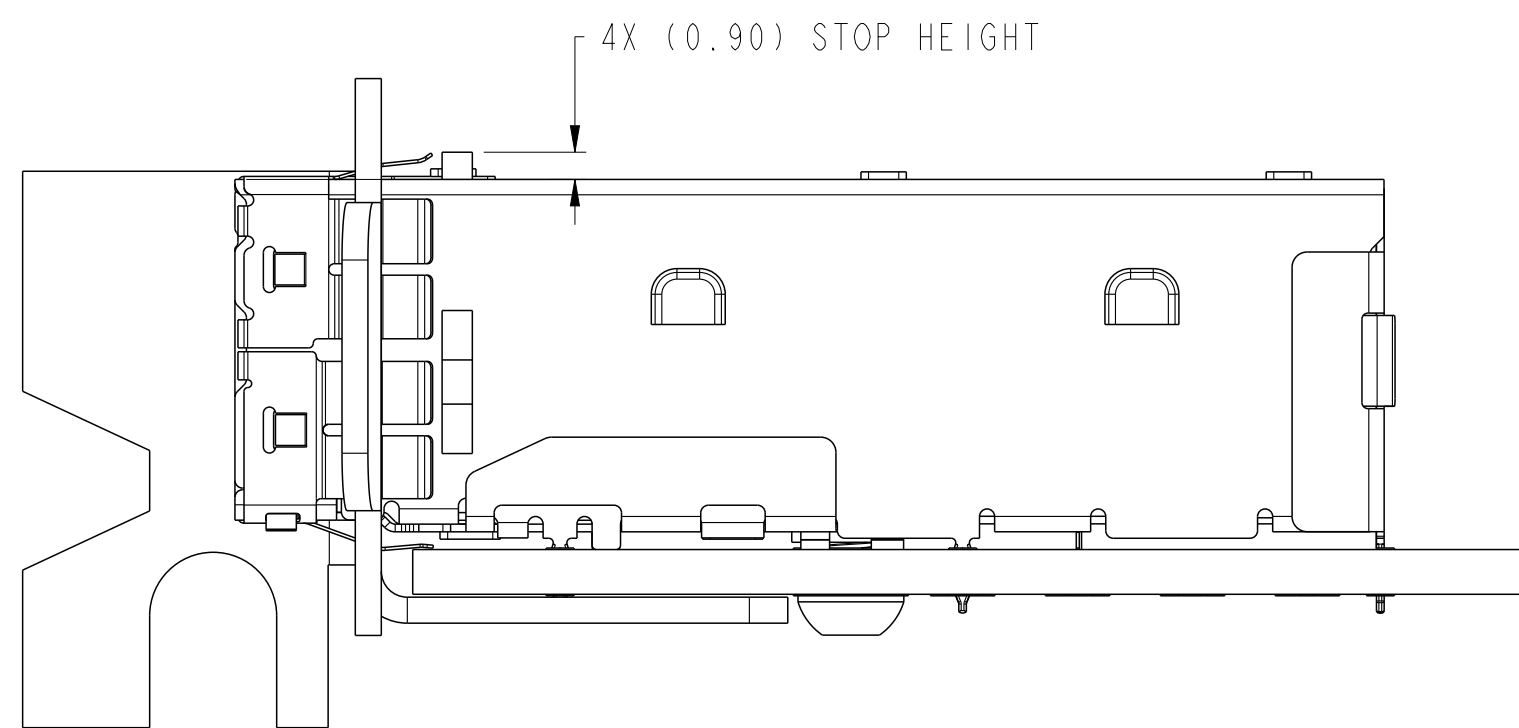
spec ref	-	dr	Mark Gray	2010/08/04	projection	MM	size	A2	scale	2:1
tolerance std	ASME Y14.5	eng	M Scholeno	2012/09/10	chr	-	ecn no	ELX-V-012260-1	rel level	Released
surface	✓	appr	Brad Brubaker	2012/09/12	product family	MINI-SAS HD	dwg no	10112627	rev	D
ASME Y14.5	linear	angular	0°	±1/2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 7	

PDS: Rev :D

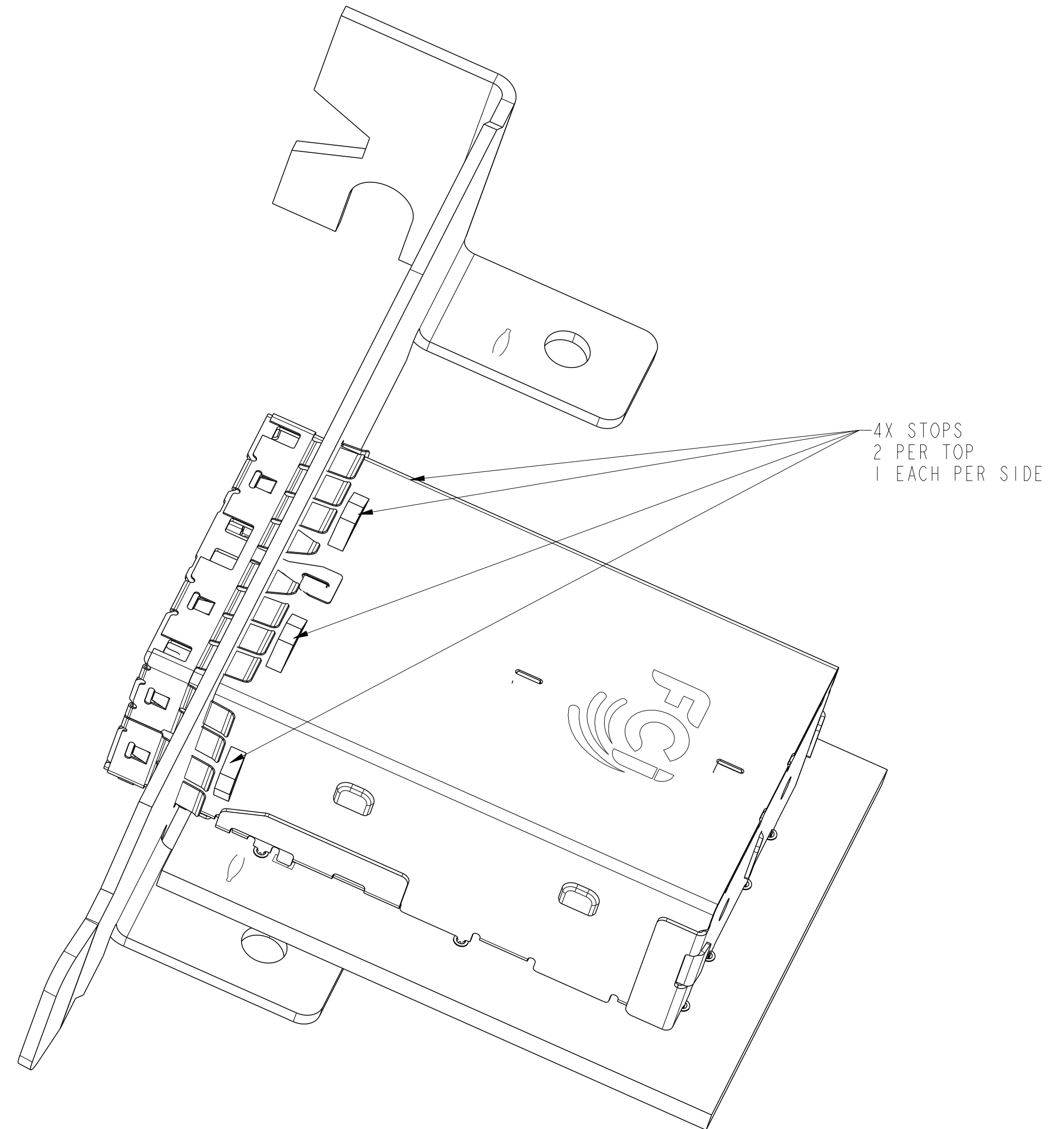
STATUS:Released

Printed: Sep 13, 2012

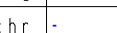
Copyright FCI.



ASSEMBLED VIEW
WITH STOPS
SCALE 4:1

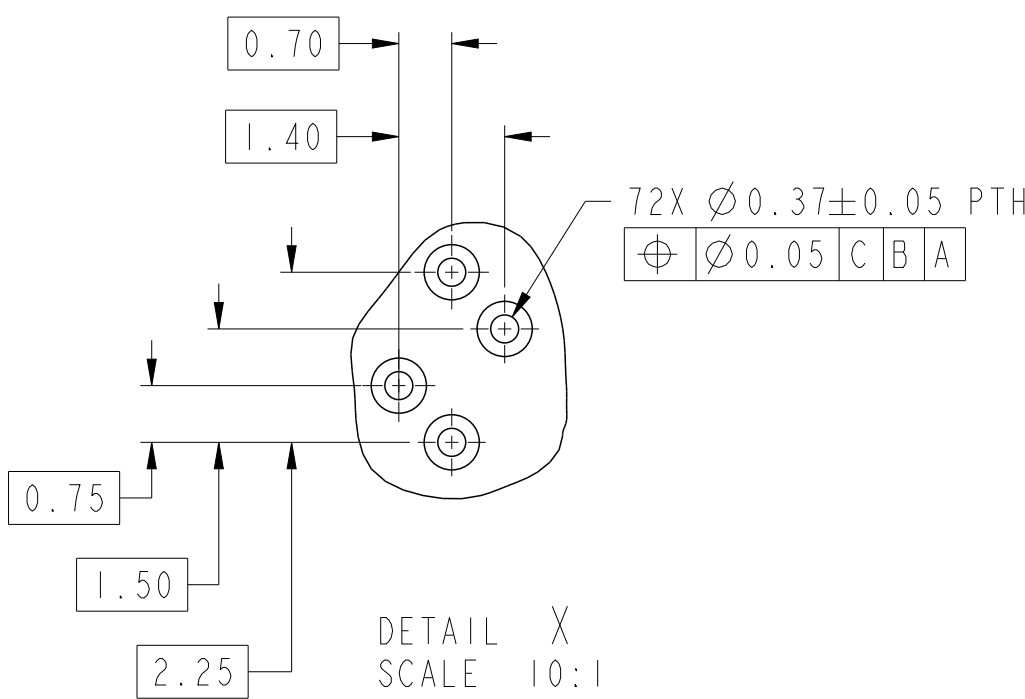
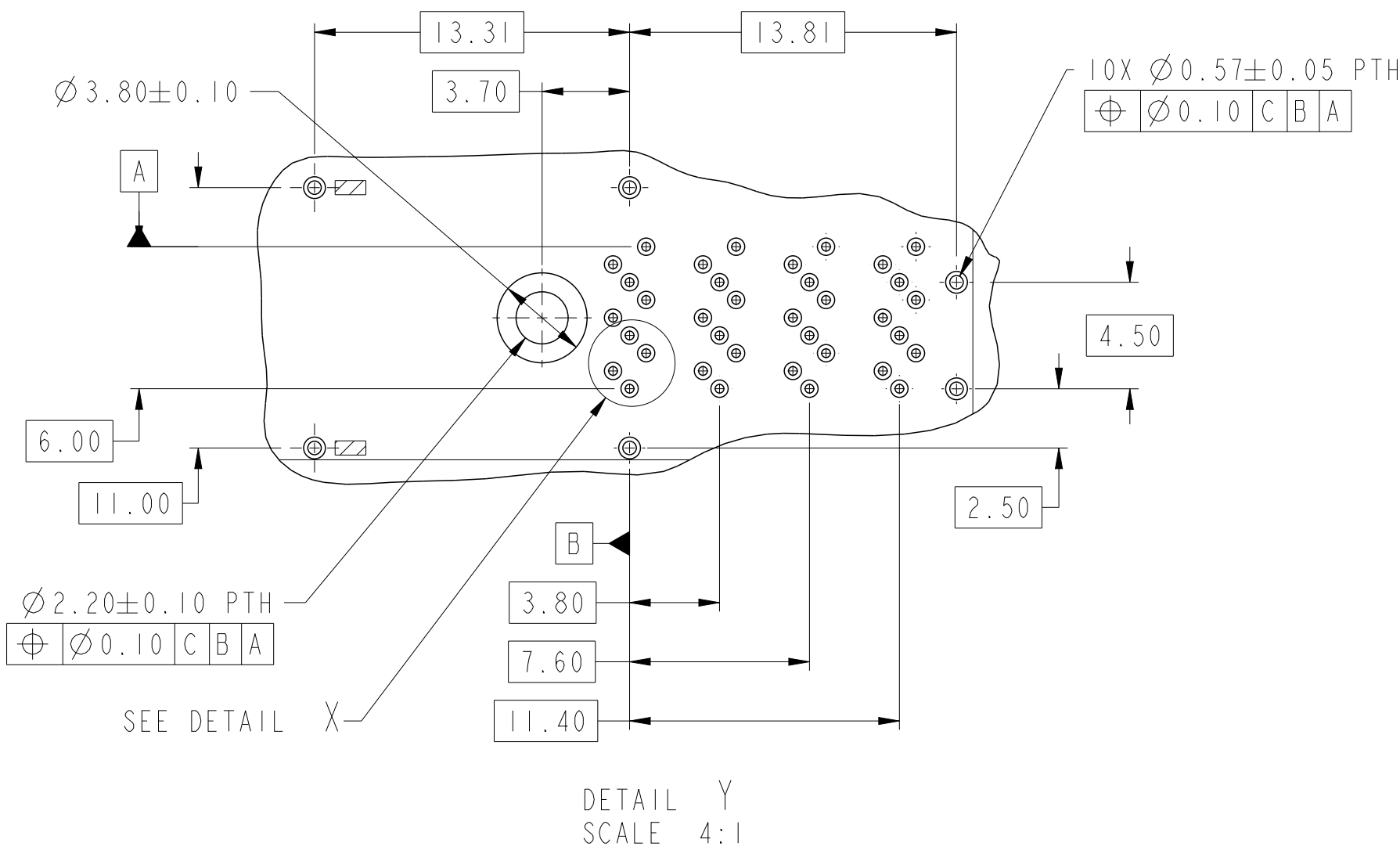
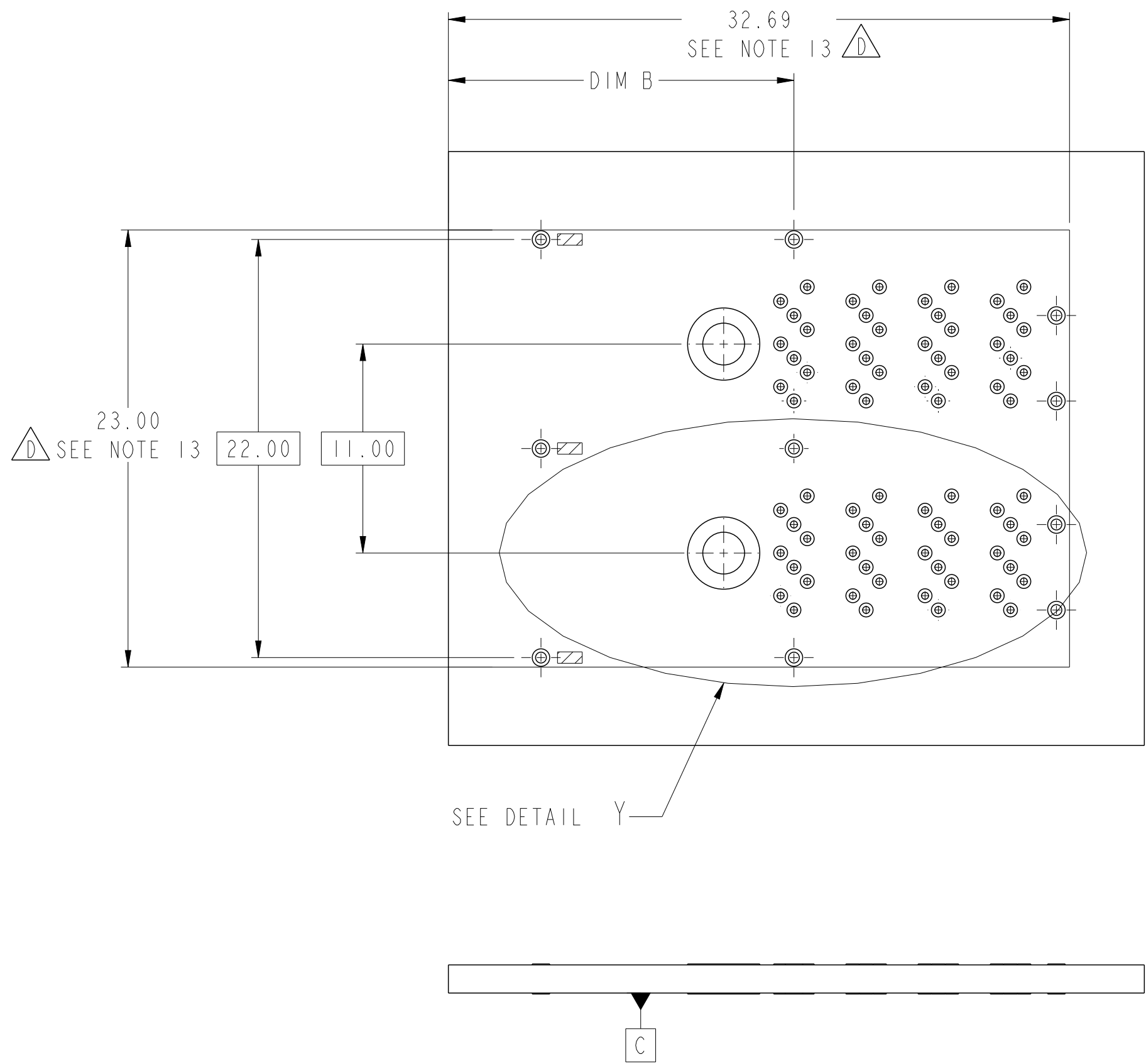


10112627-102 & 102LF
WITH STOPS
SCALE 4:1

spec ref		-		dr		Mark Gray		2010/08/04		projection		size		scale					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		M Scholeno		2012/09/10				A2		1:1					
ASME Y14.5				chr		-		-				ecn no		ELX-V-012260-1					
-				appr		Brad Brubaker		2012/09/12				product family		MINI-SAS HD		rel level		Released	
surface				linear				title		IX2 EXTERNAL ASSEMBLY		dwg no		10112627		rev			
				0.X														±0.25	
				0.XX														±0.13	
ASME Y14.5		angular		0°		±1/2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 3 of 7			

APPLICATION	DIM B
PCI ADD-IN CARD	17.10±0.15
ALL OTHER APPLICATIONS	18.19±0.15

RECOMMENDED BOARD LAYOUT



- NOTES:
- RECOMMENDED DRILL SIZE FOR A Ø0.37 FINISHED PTH IS Ø0.457.
 - RECOMMENDED ANNULAR RING AROUND Ø0.37 FINISHED PTH IS Ø0.73.
 - RECOMMENDED DRILL SIZE FOR A Ø0.57 FINISHED PTH IS Ø0.68.
 - RECOMMENDED ANNULAR RING AROUND Ø0.57 FINISHED PTH IS Ø0.93.
 - MINIMUM RECOMMENDED CENTER TO CENTER SPACING BETWEEN ADJACENT CONNECTORS: 25.00mm.
 - CONNECTOR KEEP OUT AREA.
 - MINIMUM PCB THICKNESS: 1.57mm.

spec ref	-	dr	Mark Gray	2010/08/04	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	M Scholeno	2012/09/10	chr	-	ecn no	ELX-V-012260-1	rel level	Released
surface	✓	appr	Brad Brubaker	2012/09/12	product family	MINI-SAS HD	rel level	Released	rev	D
ASME Y14.5	linear	0.X	±0.25	0.XX	±0.13	0.XXX	±-	angular	0°	±1/2°
title		IX2 EXTERNAL ASSEMBLY		cat. no.		Product - Customer Drw		sheet 4 of 7		

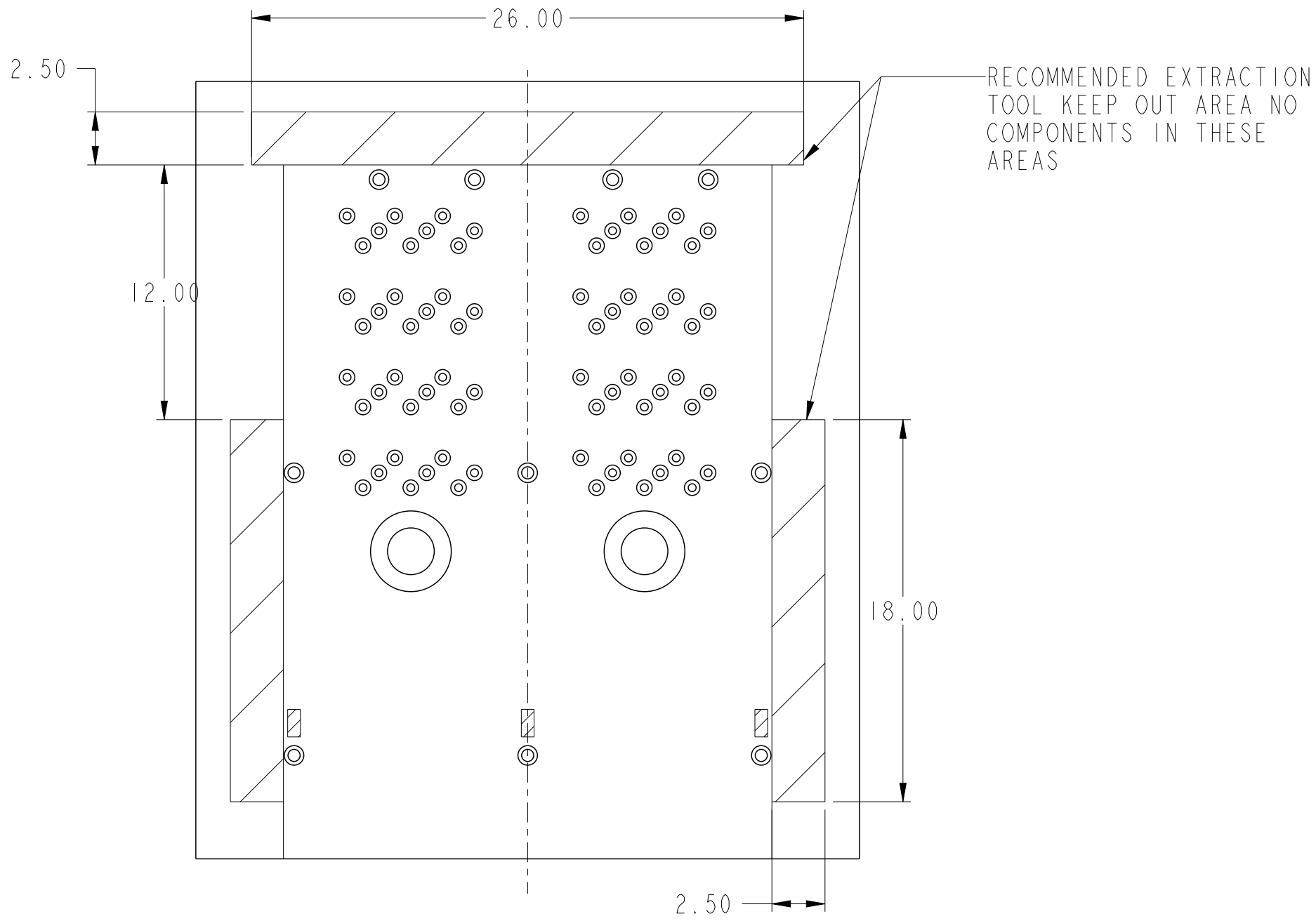
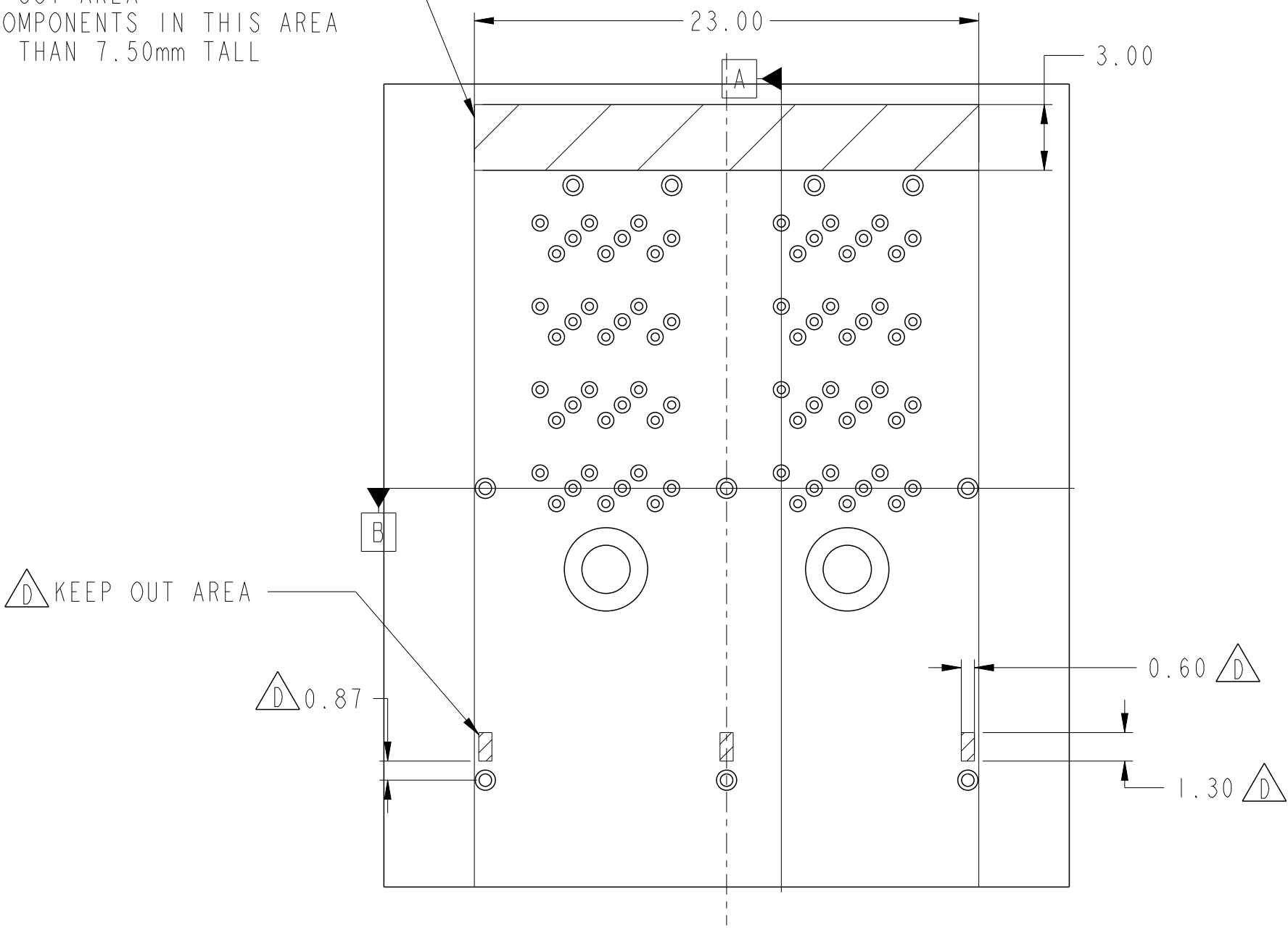
PDS: Rev :D

STATUS:Released

Printed: Sep 13, 2012

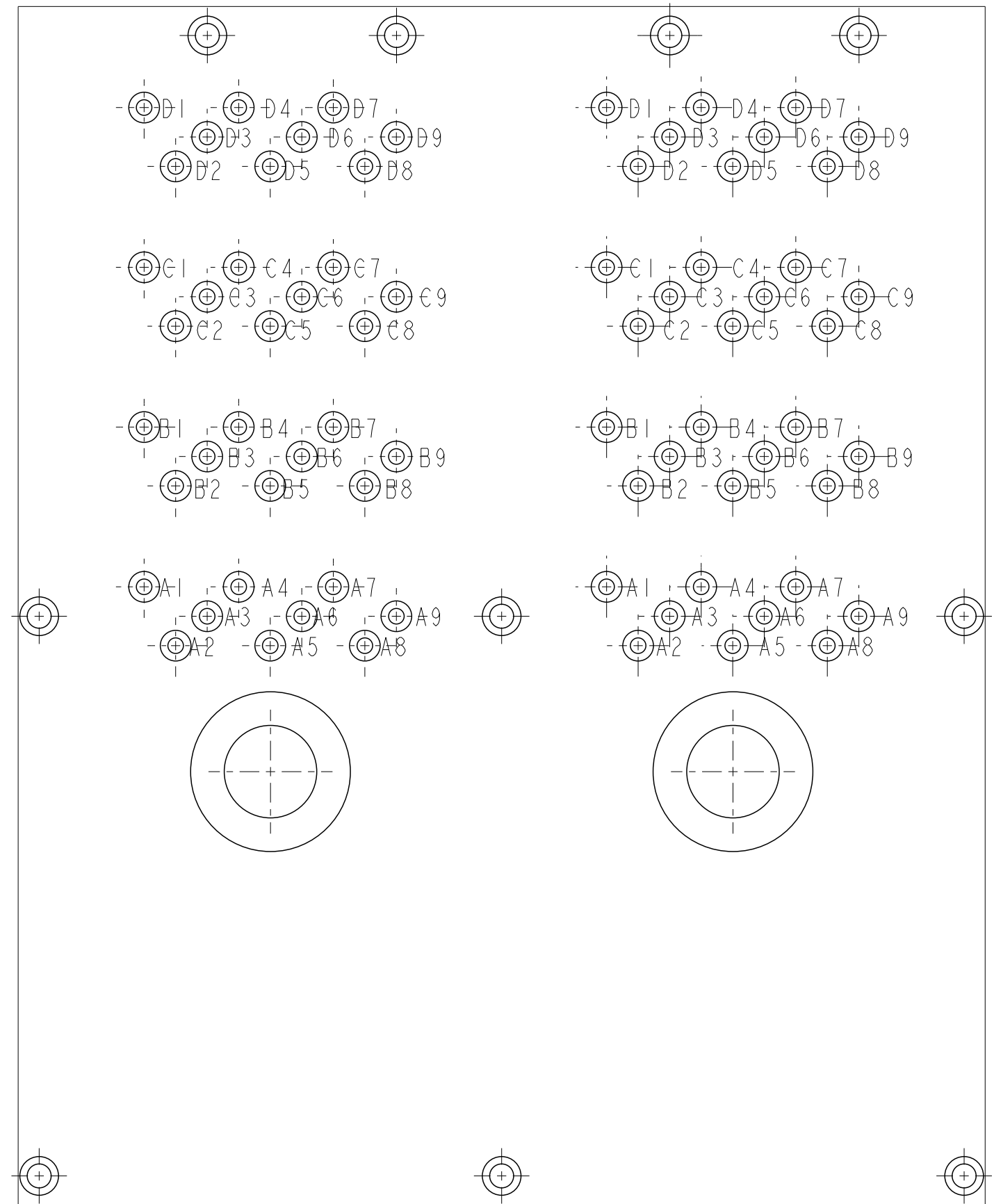
RECOMMENDED TOOLING KEEP OUT AREAS

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

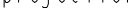


spec ref	-	dr	Mark Gray	2010/08/04	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	M Scholeno	2012/09/10	chr	-	ecn no	ELX-V-012260-1	rel level	Released
surface	✓	appr	Brad Brubaker	2012/09/12	product family	MINI-SAS HD	dwg no	10112627	rev	D
ASME Y14.5	linear	angular	0°	±1/2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 5 of 7	

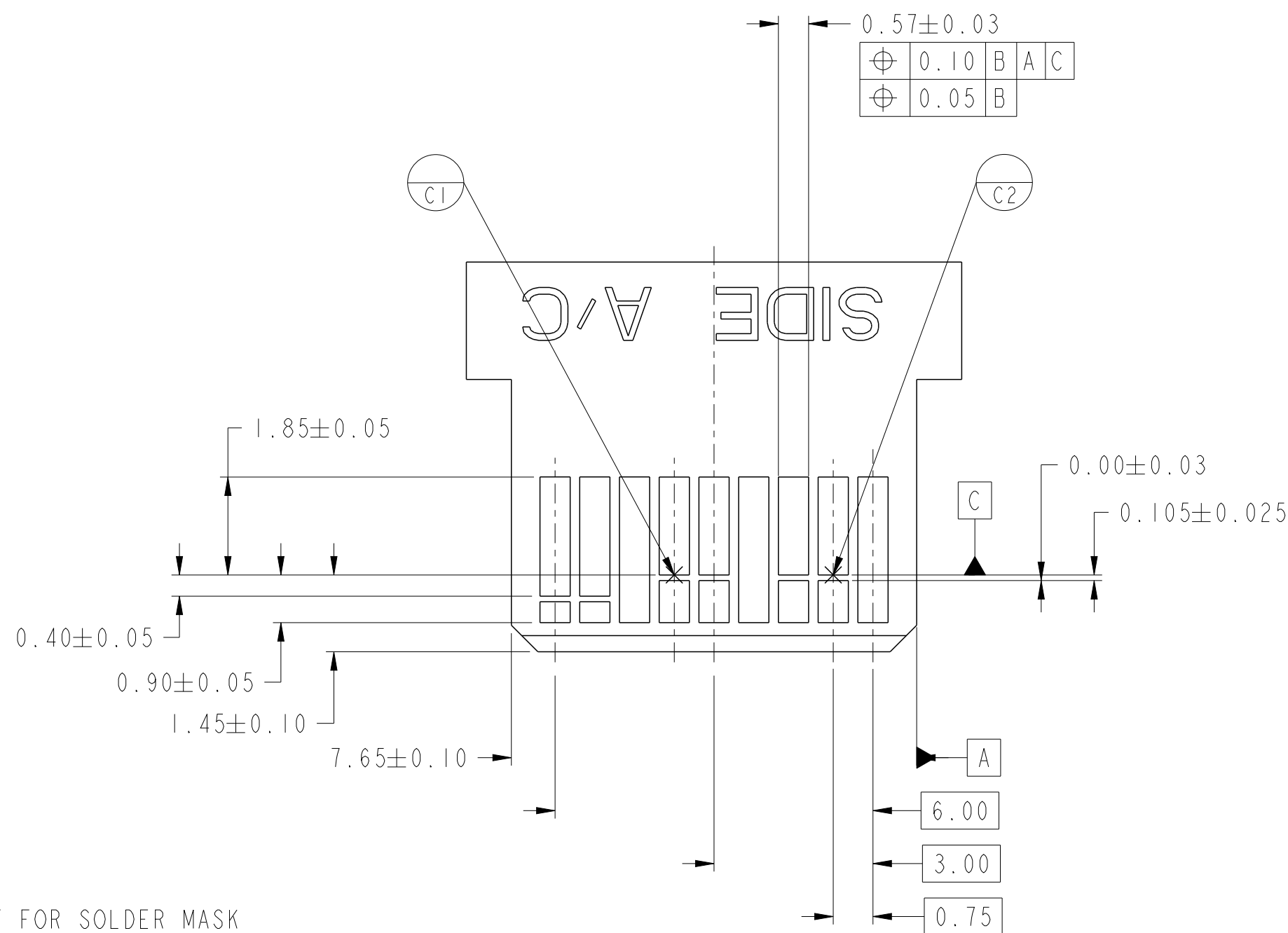
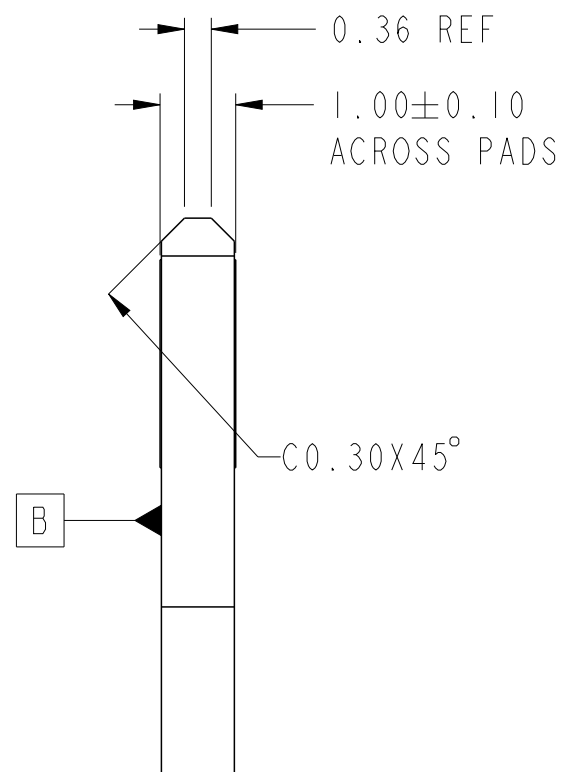
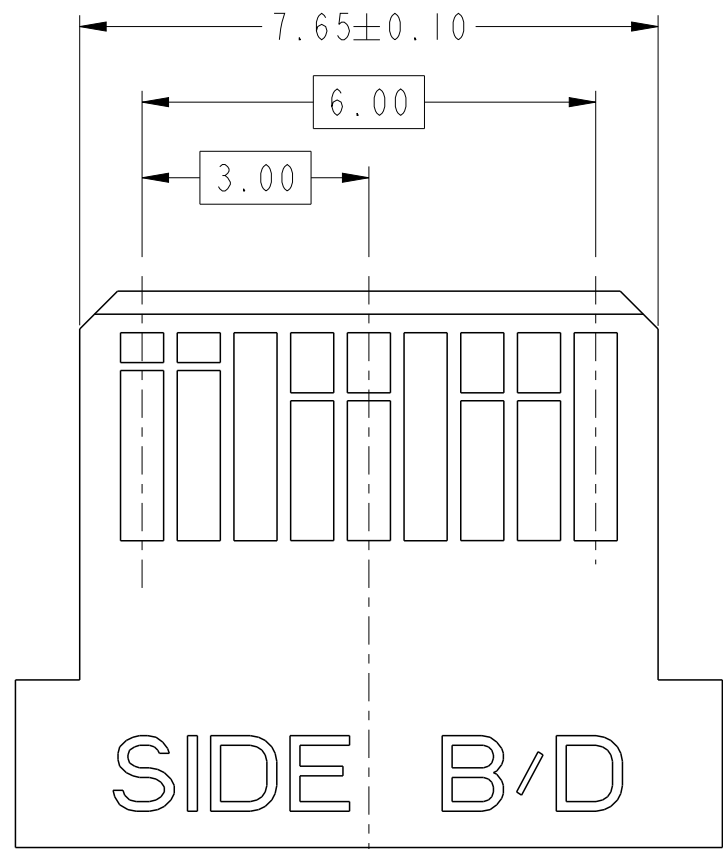
PIN OUT DESIGNATIONS



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spec ref		-		dr		Mark Gray		2010/08/04		projection				MM		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		M Scholeno		2012/09/10						ecn no		ELX-V-012260-1							
ASME Y14.5				chr		-		-															
-				appr		Brad Brubaker		2012/09/12		product family		MINI-SAS HD		rel level		Released							
surface				linear		0.X		±0.25				title		IX2 EXTERNAL ASSEMBLY		dwg no		10112627		rev		D	
				0.XX		±0.13																	
ASME Y14.5				0.XXX		±-																	
				angular		0°		±1/2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 6 of 7					

A
B
C
D
E
F



- NOTES:
- 0.05 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS.
 - DATUM D TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS.

spec ref		-		dr		Mark Gray		2010/08/04		projection		MM		size		A2		scale		1:1			
tolerance std		ASME Y14.5		eng		M Scholeno		2012/09/10		chr		-		ecn no		ELX-V-012260-1		rel level		Released			
surface		✓		appr		Brad Brubaker		2012/09/12		product family		MINI-SAS HD		cat. no.		-		Product - Customer Drw		sheet 7 of 7			
linear		0.X ±0.25		0.XX ±0.13		0.XXX ±-		FCi		title		IX2 EXTERNAL ASSEMBLY		MINI-SAS HD		dwg no		10112627		rev		D	
angular		0° ±1/2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 7 of 7											

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<http://moschip.ru/get-element>

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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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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9