

1	2	3	4	5	6	7	8
PRODUCT NUMBER		TYPE		TOP CAGE HOLE	PACKAGE		
10122382-101LF		3 EMI SUPPRESSION PINS IN TOP CAGE & COMPLIANT PINS IN BOTTOM CAGE		WITHOUT HOLE	TRAY		
10122382-102LF		3 EMI SUPPRESSION PINS IN TOP CAGE & COMPLIANT PINS IN BOTTOM CAGE		WITH HOLE	TRAY		
10122382-202LF		3 EMI SUPPRESSION PINS IN TOP CAGE & NO COMPLIANT PINS IN BOTTOM CAGE		WITH HOLE	TRAY		

10122382-102LF
SFP+ IXI CAGE BASIC TYPE

14.00±0.10
8.30 MAX
8.95±0.15
3 EMI SUPPRESSION PINS
(Equal Height)

11.50+0.50/-0.25
9.70
48.72±0.20
3.00
5.00 TYP
4.70
5.00
34.30
11.50

16.20+0.50/-0.25
14.80
3 EMI SUPPRESSION PINS IN TOP CAGE & COMPLIANT PINS IN BOTTOM CAGE

10122382-202LF
(NO COMPLIANT PINS IN BOTTOM CAGE)

12x TOP CAGE HOLES
SEE TABLE
(10122382-101LF WITHOUT HOLES)

11.50+0.50/-0.25
9.70
48.72±0.20
3.00
5.00 TYP
4.70
5.00
34.30
11.50

16.20+0.50/-0.25
14.80
3 EMI SUPPRESSION PINS IN TOP CAGE & COMPLIANT PINS IN BOTTOM CAGE

10122382-101LF
(NO TOP CAGE HOLES FOR BETTER EMI PERFORMANCE)

12x TOP CAGE HOLES
SEE TABLE
(10122382-101LF WITHOUT HOLES)

11.50+0.50/-0.25
9.70
48.72±0.20
3.00
5.00 TYP
4.70
5.00
34.30
11.50

16.20+0.50/-0.25
14.80
3 EMI SUPPRESSION PINS IN TOP CAGE & COMPLIANT PINS IN BOTTOM CAGE

NOTES:

- MATERIAL:
CAGE BODY: NICKEL SILVER ALLOY
EMI SPRING: STAINLESS STEEL
INSULATION TAPE: SILICON POLYIMIDE
- DATUM AND BASIC DIMENSIONS ARE ESTABLISHED BY CUSTOMER.
- PADS AND VIAS ARE CHASSIS GROUND, 11 PLACES.
- THROUGH HOLES, PLATING OPTIONAL.
- CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND).
- THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED).
- PRODUCT SPECIFICATION: GS-12-1165
- APPLICATION SPECIFICATION: GS-20-0384
- PACKAGE PER GS-14-2344 AND GS-14-920
- PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

spec ref	RELEASE	dr	ART LIN	2014-03-20	projection	MM	size	A2	scale	4:1		
tolerance std	ISO 406 ISO 1101	eng	COLLINS LU	2014-03-21	chr	JEFFREY QIN	2014-03-21	product family	SFP+	rel level	Released	
surface	✓	linear	0.X	±0.25	0.XX	±0.15	0.XXX	±	ISO 1302	angular	0°	±2°

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SFP+ IXI Cage

EMI SPRING TYPE

cat. no.

Product - Customer Drw

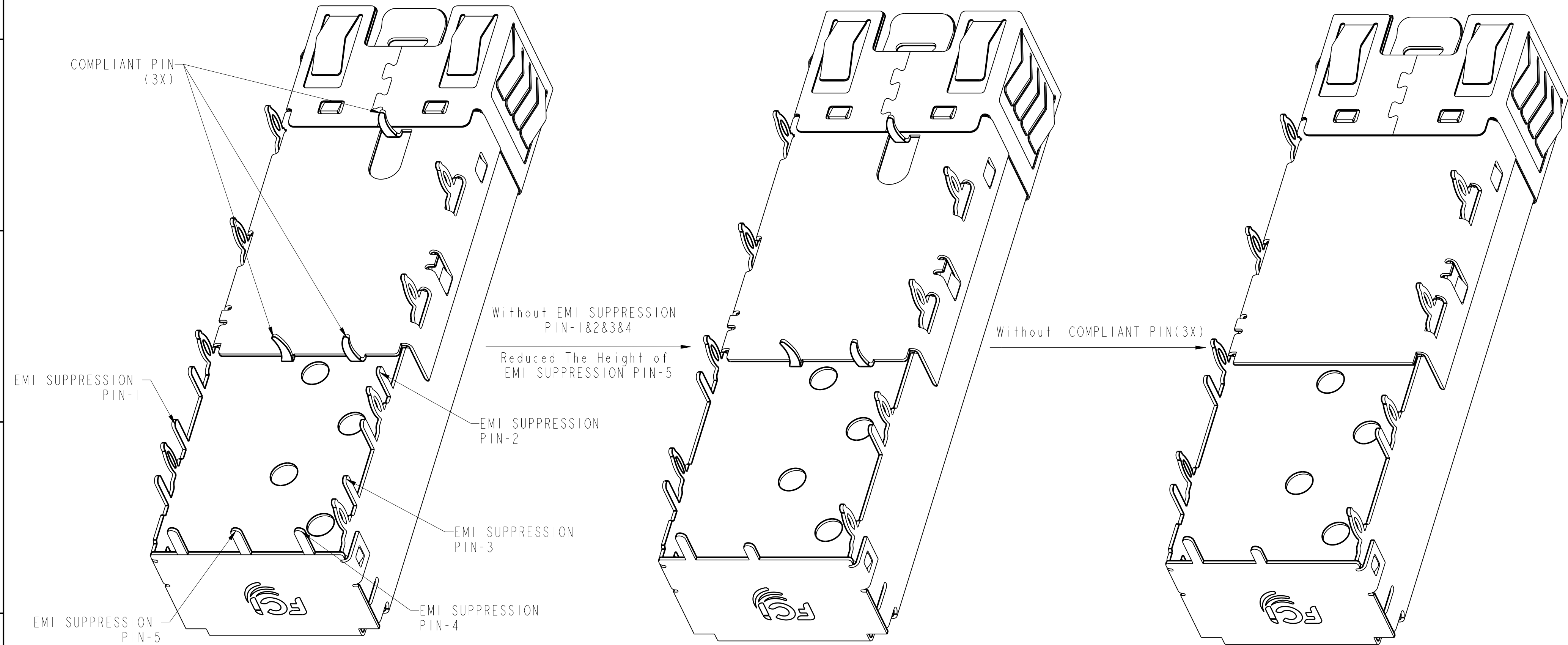
sheet 1 of 6

PDS: Rev :C

STATUS: Released

Printed: Apr 01, 2014

PRODUCT NUMBER	TYPE	TOP CAGE HOLE	PACKAGE
10122382-302LF	2 EMI SUPPRESSION PINS IN TOP CAGE & COMPLIANT PINS IN BOTTOM CAGE	WITH HOLE	TRAY
10122382-402LF	2 EMI SUPPRESSION PINS IN TOP CAGE & NO COMPLIANT PINS IN BOTTOM CAGE	WITH HOLE	TRAY



10122382-102LF

10122382-302LF

10122382-402LF

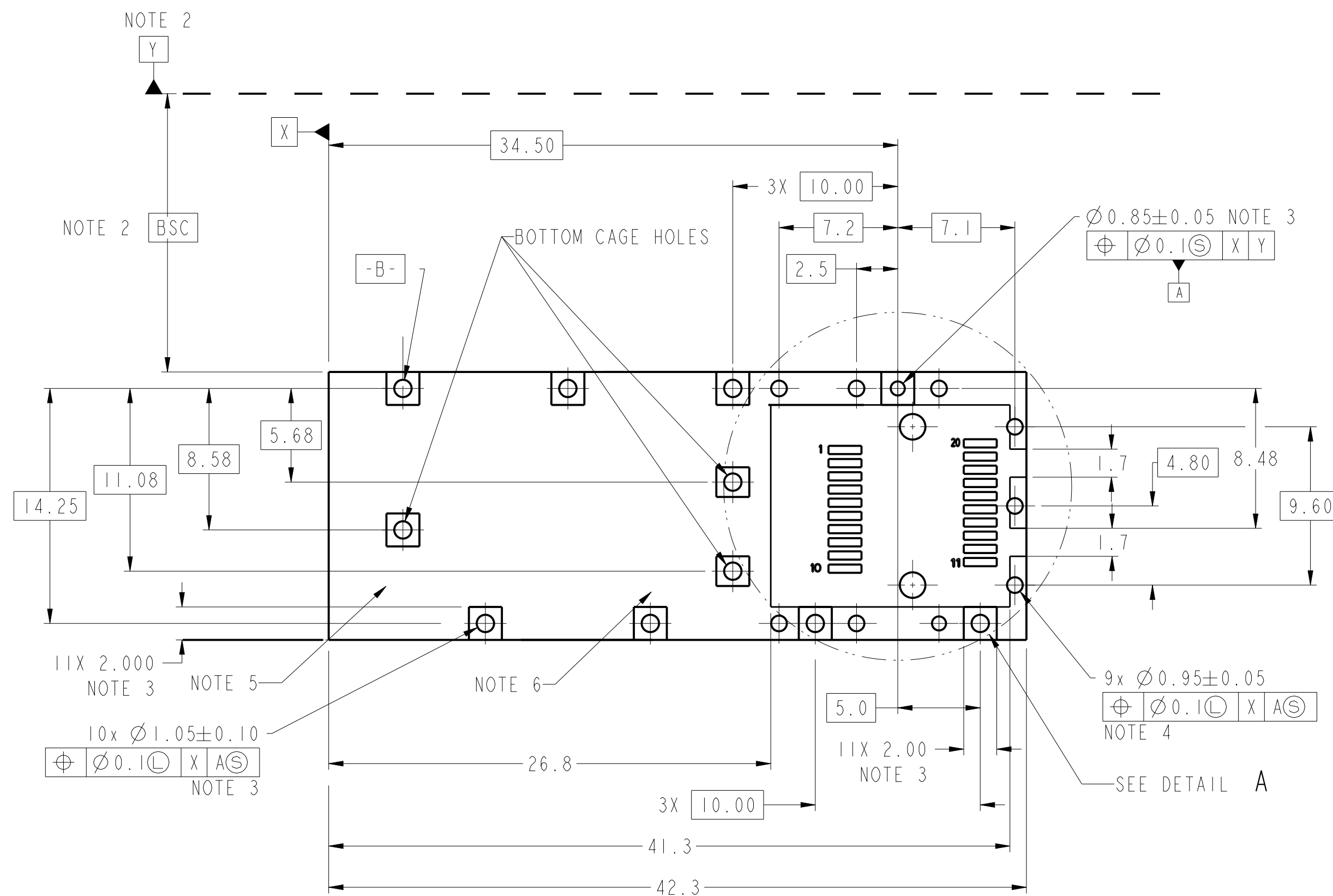
10122382-302LF/402LF WILL ALLOW FOR BELLY TO BELLY MOUNTING.

spec ref		RELEASE		dr		ART LIN		2014-03-20		projection		MM		size		A2		scale		5:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng										ecn no		rel level						Released	
ISO 406				chr		COLLINS LU		2014-03-21						product family									
ISO 1101				appr		JEFFREY QIN		2014-03-21															
surface		linear		0.X		±0.25				title		SFP+ IXI Cage		dwg no		10122382		rev		C			
		0.XX		±0.15																			
		0.XXX		±																			
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 2 of 6									

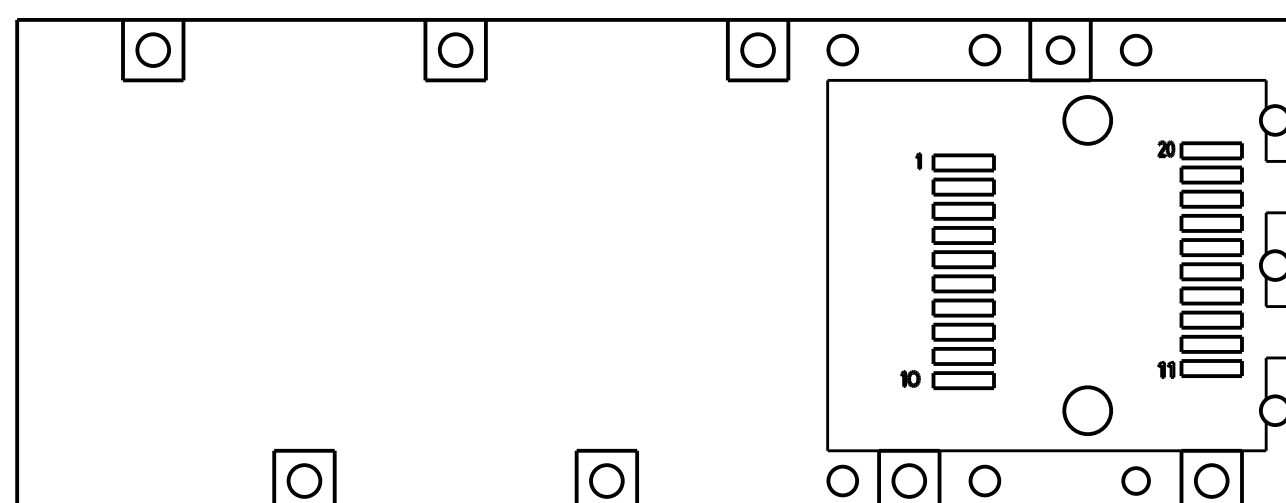
PDS: Rev :C

STATUS:Released

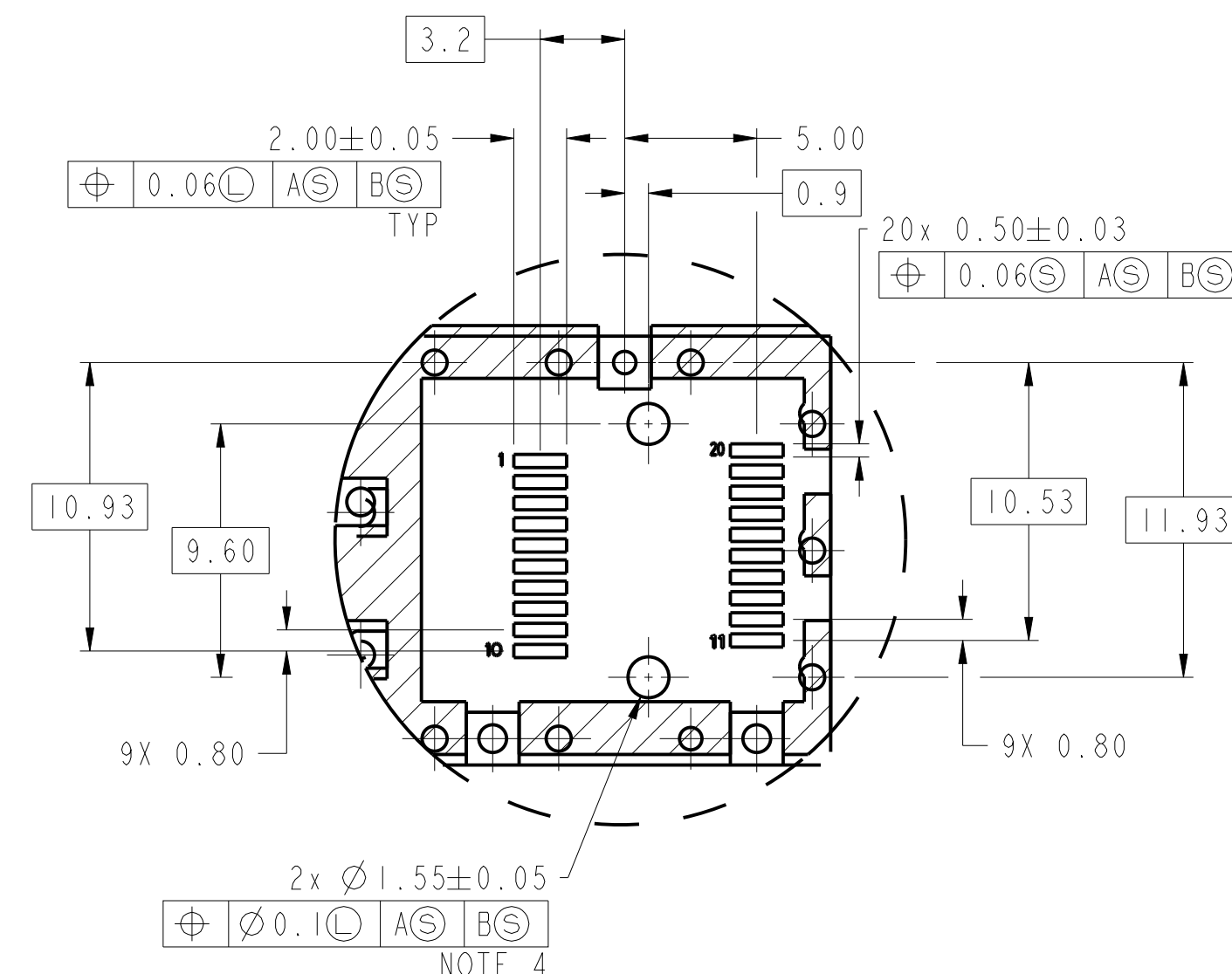
Printed: Apr 01, 2014



10122382-101LF/102LF/302LF/502LF
HOST BOARD MECHANICAL LAYOUT
SINGLE SIDED APPLICATIONS



10122382-202LF
HOST BOARD MECHANICAL LAYOUT
SINGLE SIDED APPLICATIONS
(ONLY WITHOUT BOTTOM CAGE HOLES)



DETAIL A: HOST CONNECTOR LAYOUT
SCALE 4:1

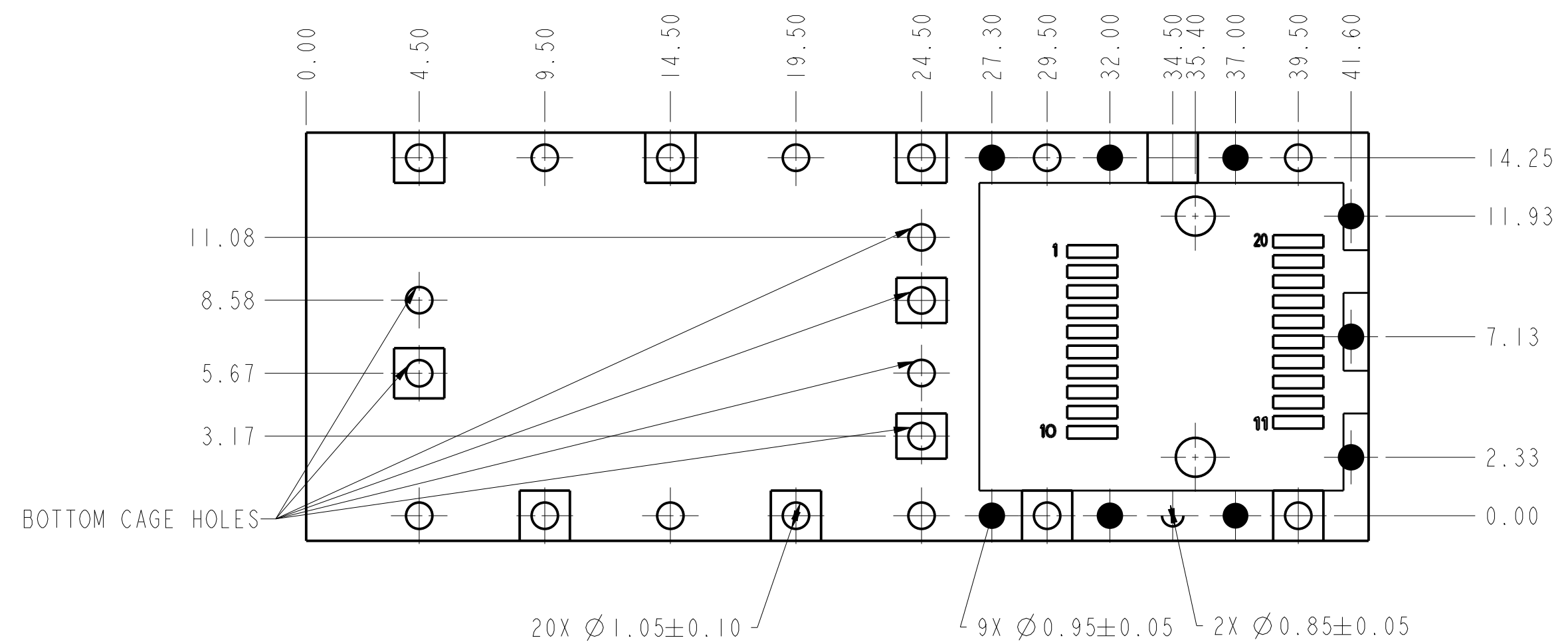
NOTE:
SEE SHEET 4 FOR
HOST CONNECTOR LAYOUT

spec ref	RELEASE	dr	ART LIN	2014-03-20	projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng					ecn no			
ISO 406		chr	COLLINS LU	2014-03-21			rel level	Released		
ISO 1101		appr	JEFFREY QIN	2014-03-21	product family	SFP +				
surface	linear	0.X	±0.25				dwg no	10122382	rev	C
		0.XX	±0.15							
		0.XXX	±							
ISO 1302	angular	0°	±2°							

PDS: Rev :C

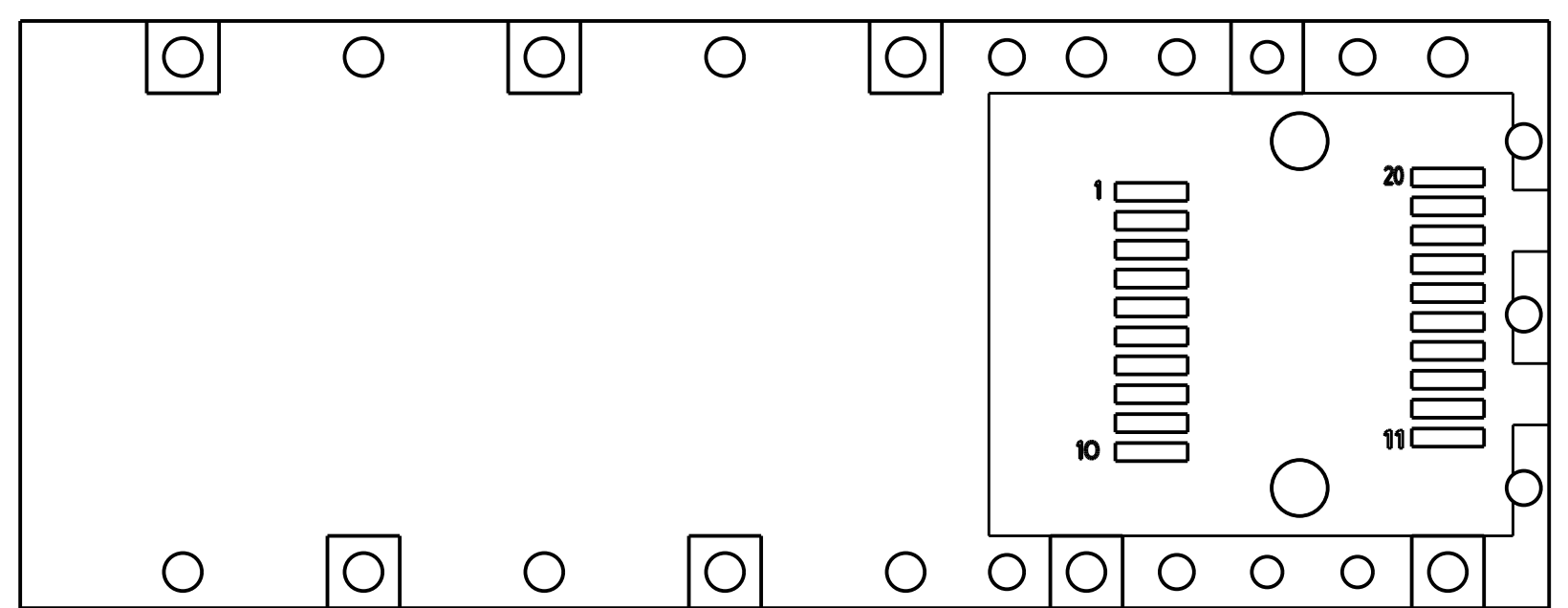
STATUS: Released

Printed: Apr 01, 2014



NOTE:
SEE SHEET 4 FOR
HOST CONNECTOR LAYOUT

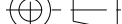
10122382-302LF
HOST BOARD MECHANICAL LAYOUT
BELLY TO BELLY APPLICATIONS



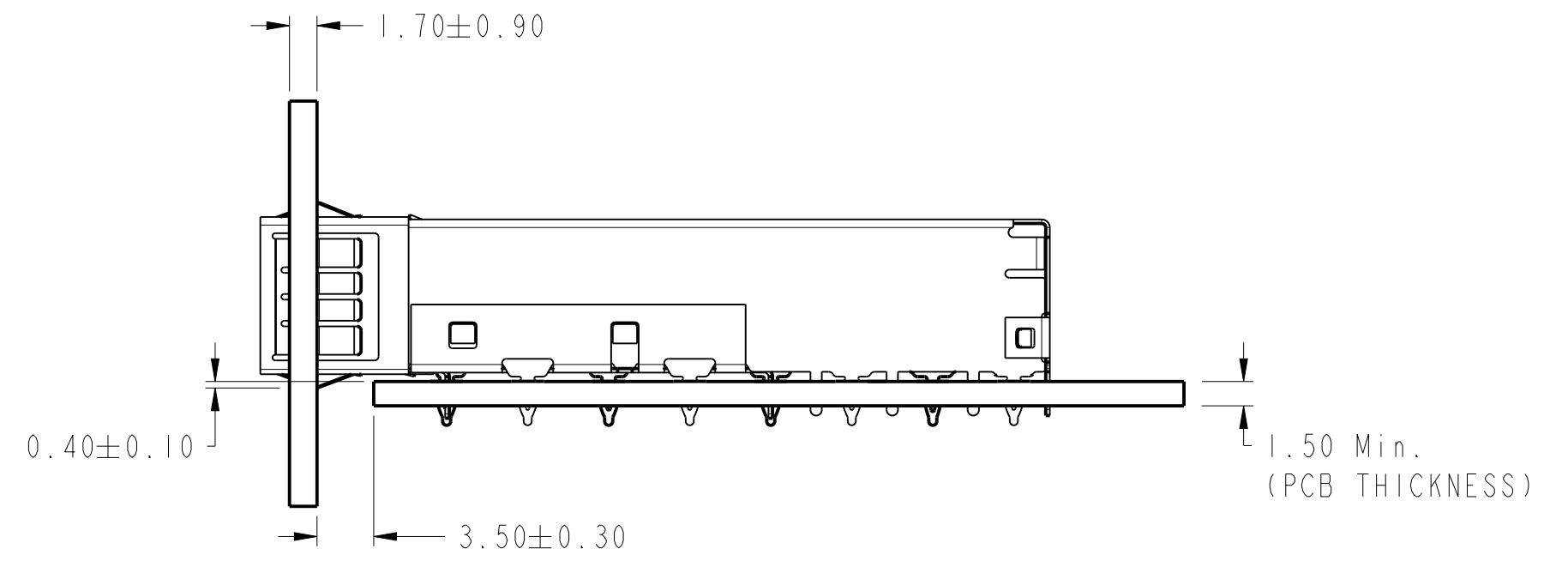
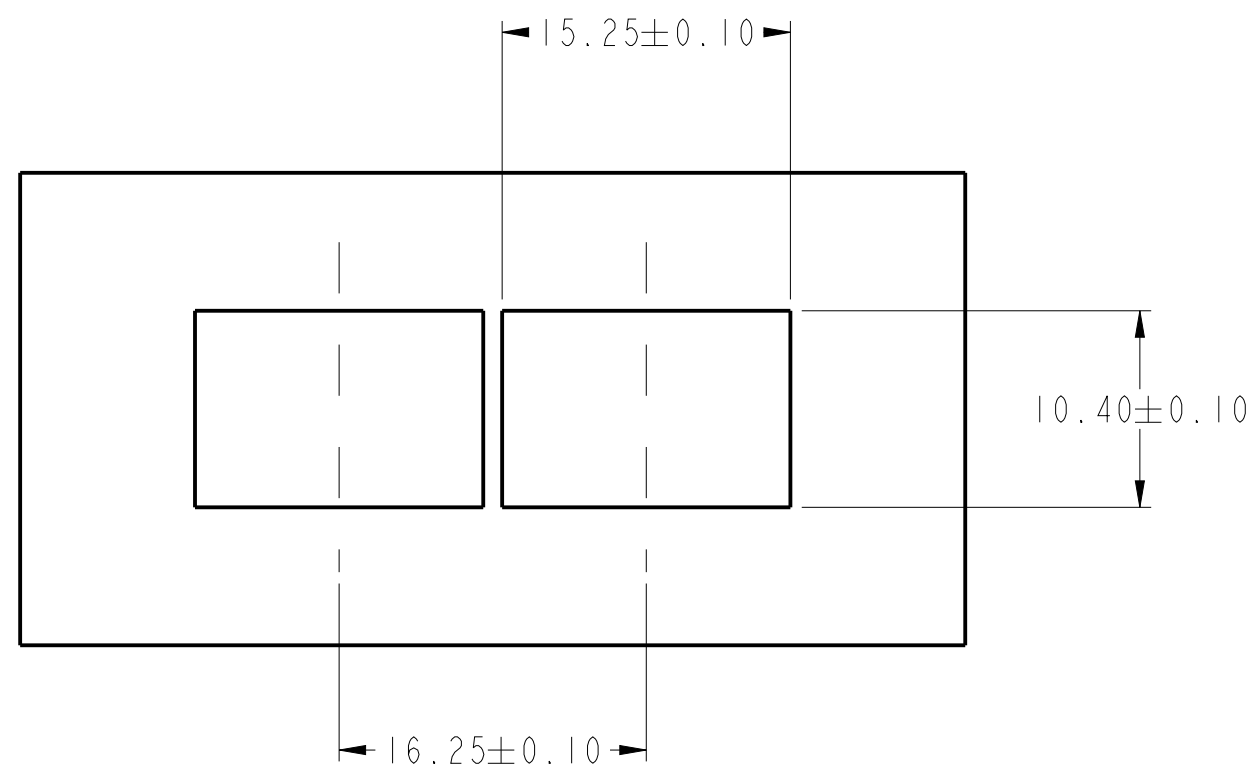
NOTE:
SEE SHEET 4 FOR
HOST CONNECTOR LAYOUT

10122382-402LF
HOST BOARD MECHANICAL LAYOUT
BELLY TO BELLY APPLICATIONS
(ONLY WITHOUT BOTTOM CAGE HOLES)

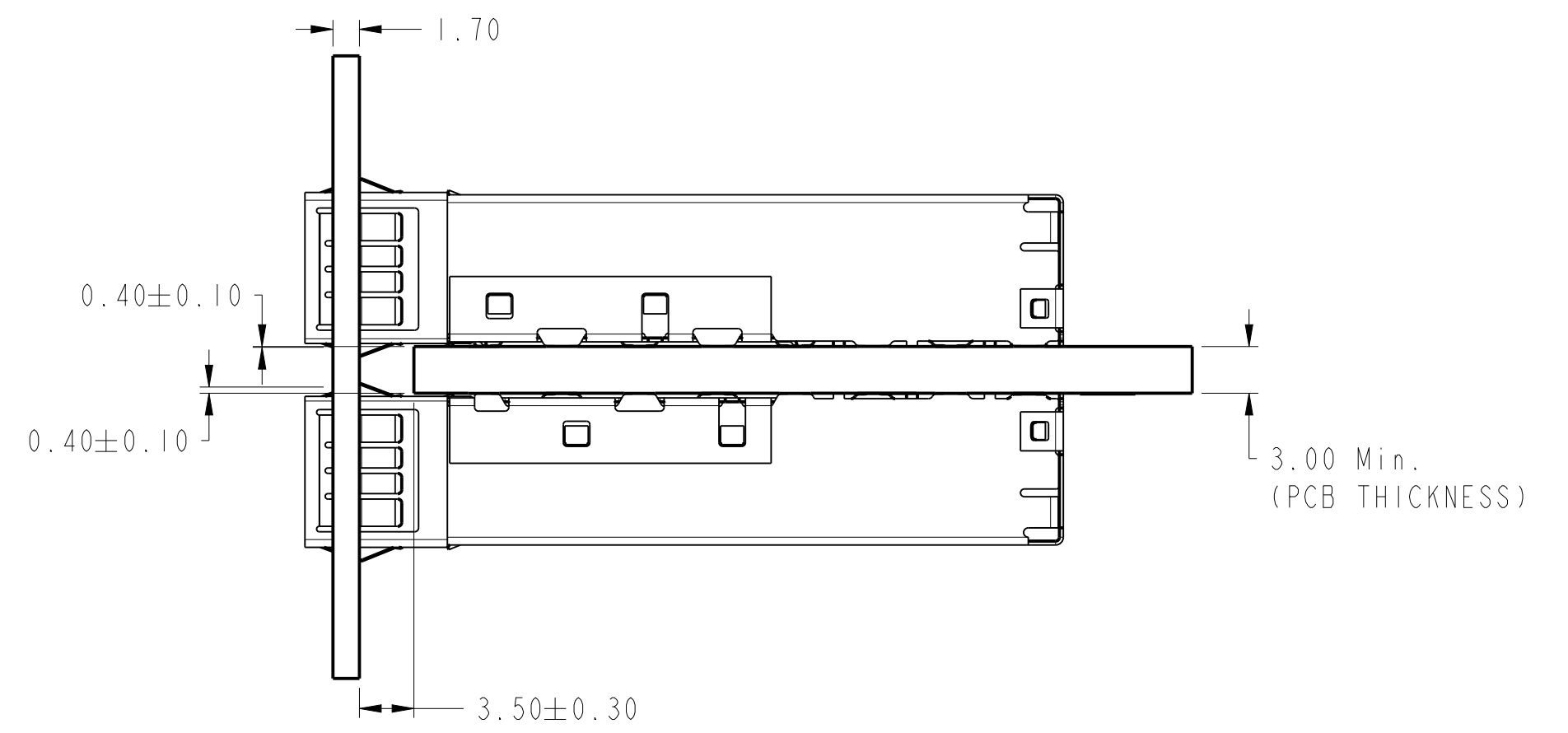
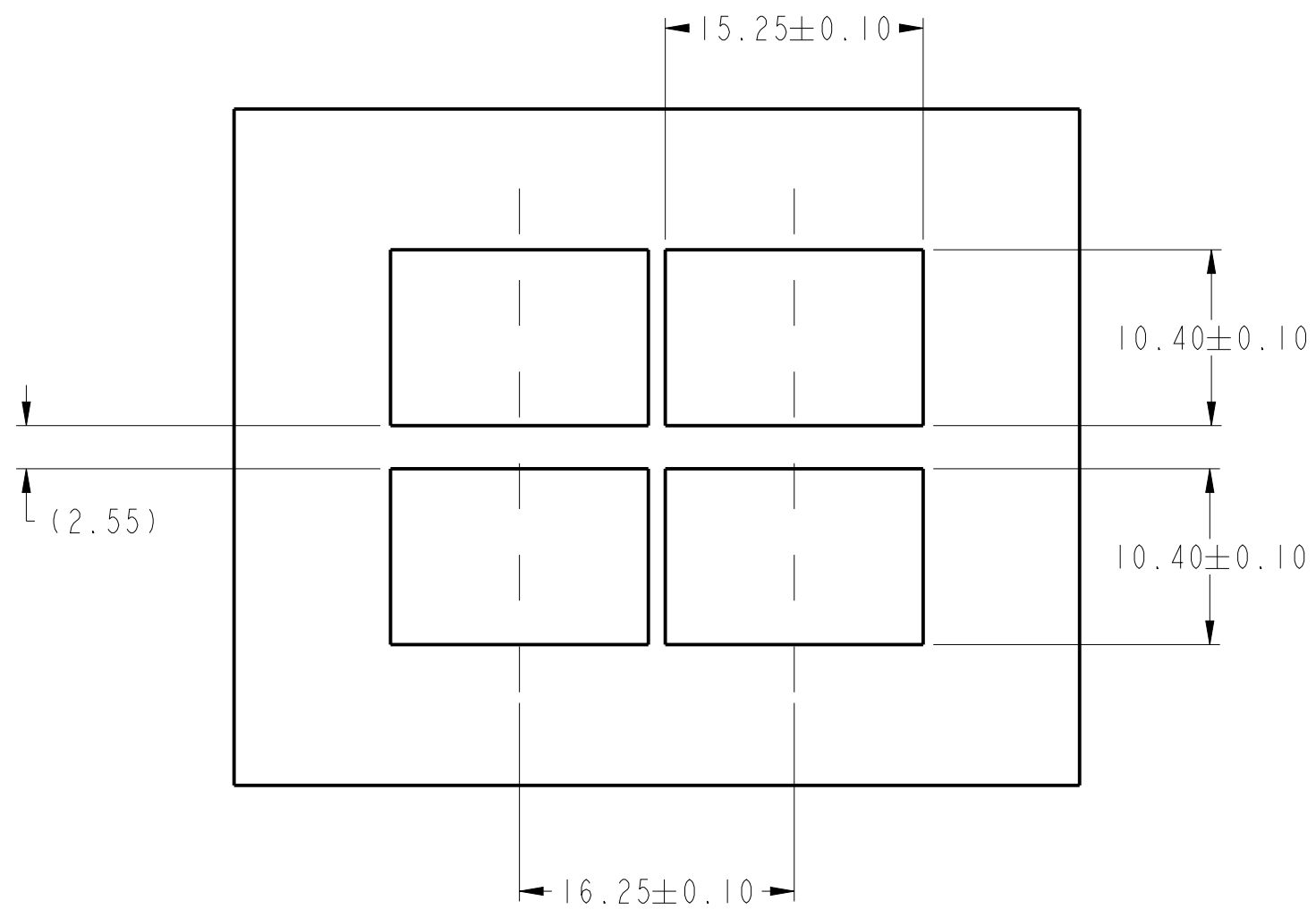
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spec ref		RELEASE		dr		ART LIN		2014-03-20		projection		MM		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng										ecn no							
ASME Y14.5				chr		COLLINS LU		2014-03-21						rel level		Released					
-				appr		JEFFREY QIN		2014-03-21		product family		-									
surface		linear		0.X		±0.25				time		SFP+ IXI Cage		dwg no		10122382		rev		C	
✓		0.XX		±0.15																	
		0.XXX		± -																	
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 5 of 6					

BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING
(EMI SPRING FINGER)



10122382-302LF/402LF
BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING
(EMI SPRING FINGER)



spec ref		RELEASE		dr		ART LIN	2014-03-20	projection		MM		size		scale									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng								A2		5:2									
ISO 406				chr		COLLINS LU	2014-03-21					ecn no											
ISO 1101				appr		JEFFREY QIN	2014-03-21					product family				rel level		Released					
surface		linear		0.X		±0.25				title		SFP+ IXI Cage		EMI SPRING TYPE		dwg no		10122382		rev		C	
				0.XX		±0.15																	
				0.XXX		± -																	
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 6 of 6									

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