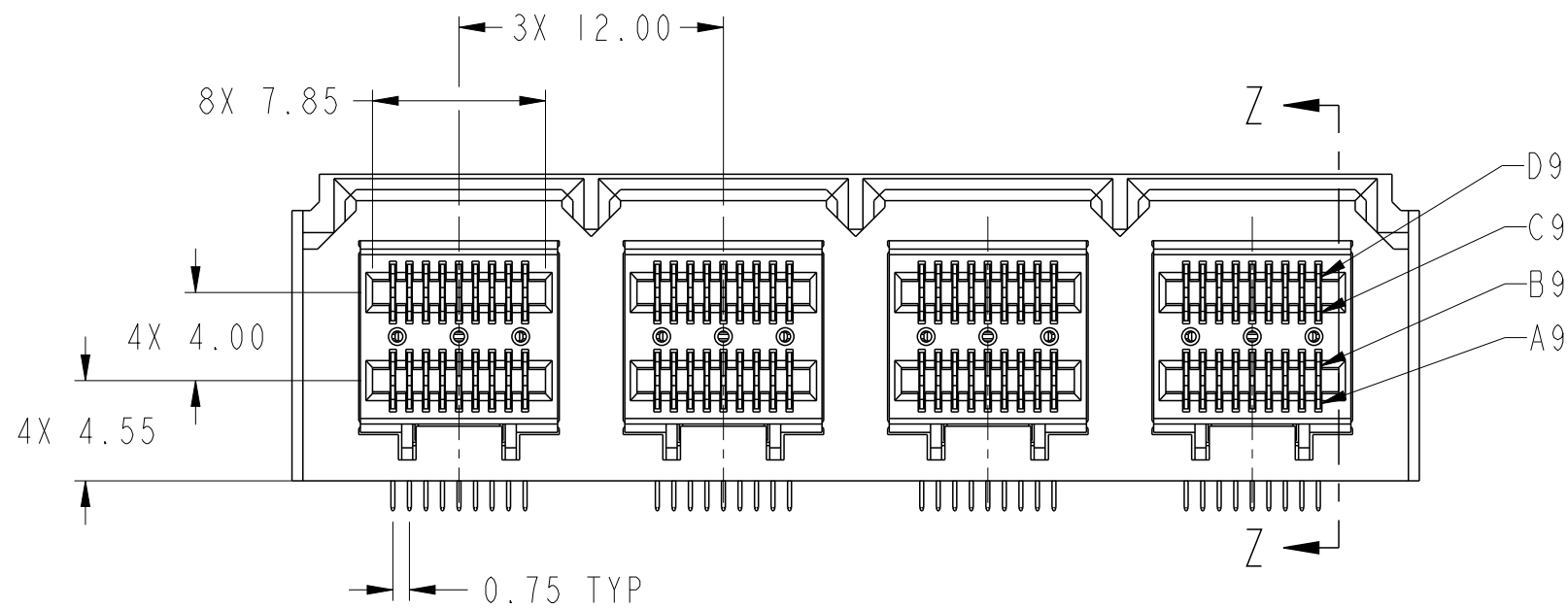
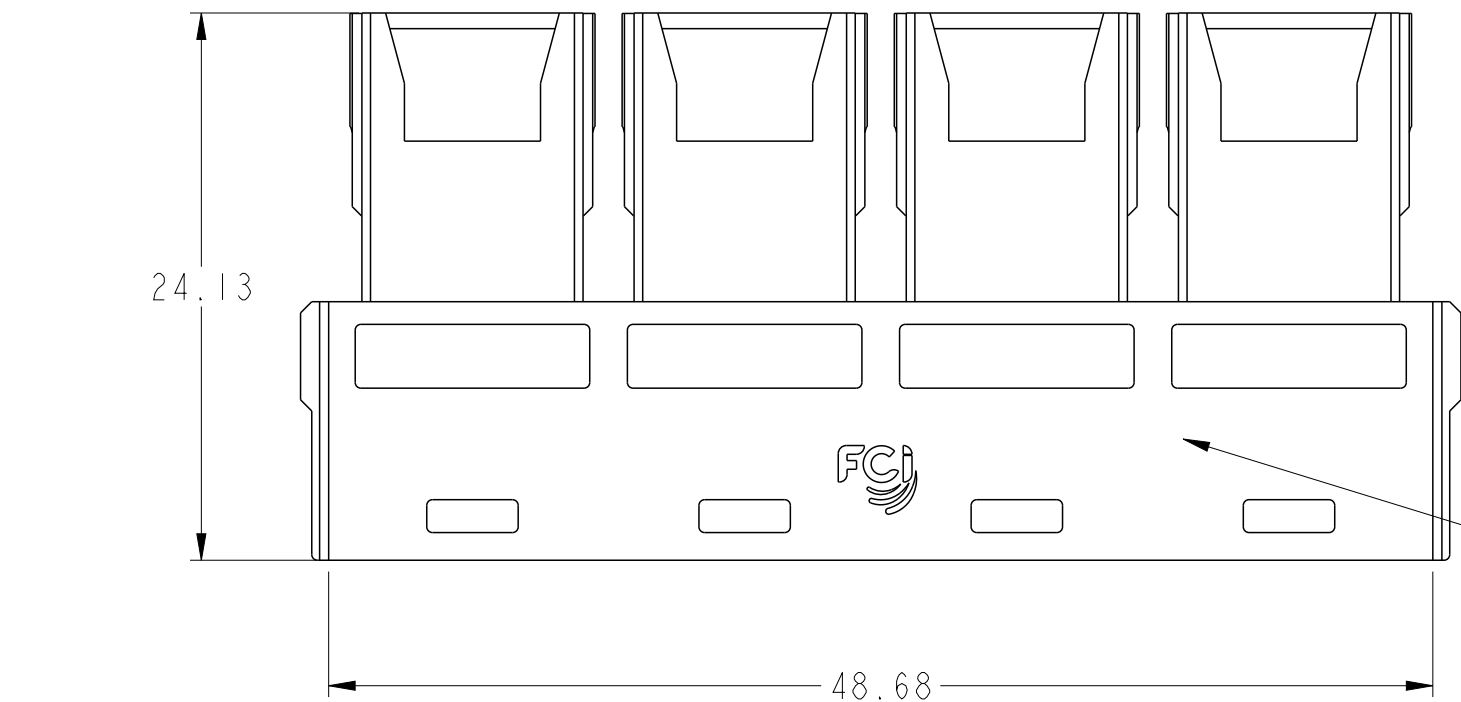
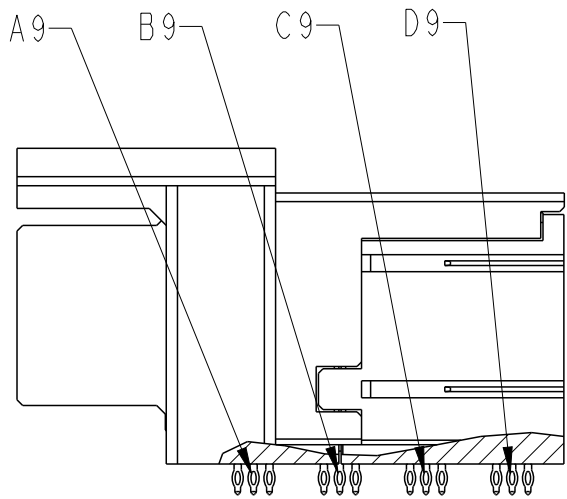


PRODUCT NUMBER	PLATING OPT.	HSG&FRAME COLOR
10112634-101	OPTION 1	BLACK
10112634-101LF	OPTION 2	BLACK
10112634-121	OPTION 1	NATURAL
10112634-121LF	OPTION 2	NATURAL



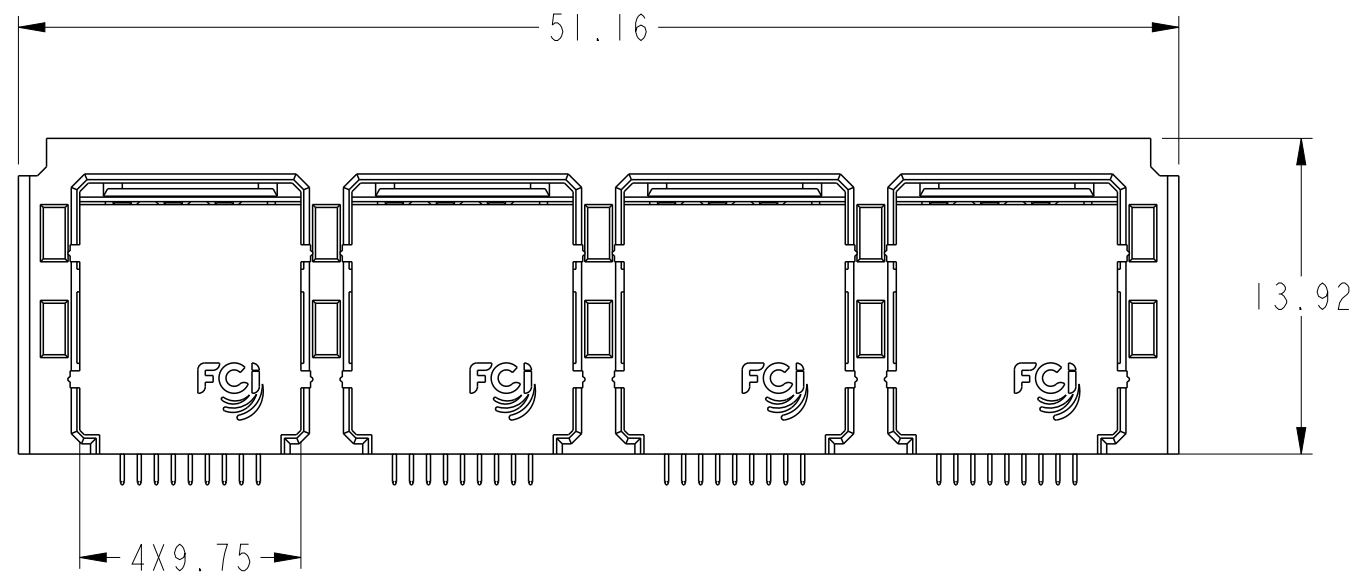
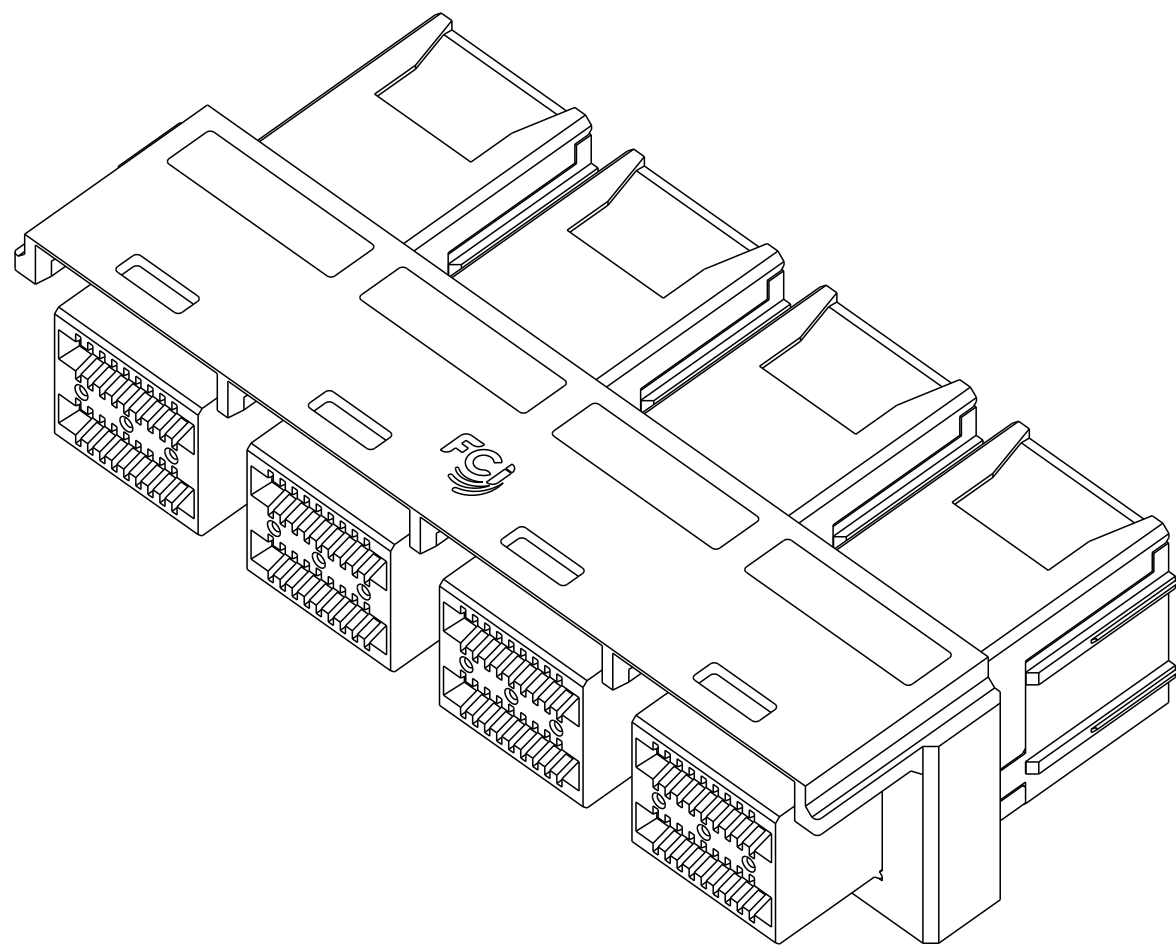
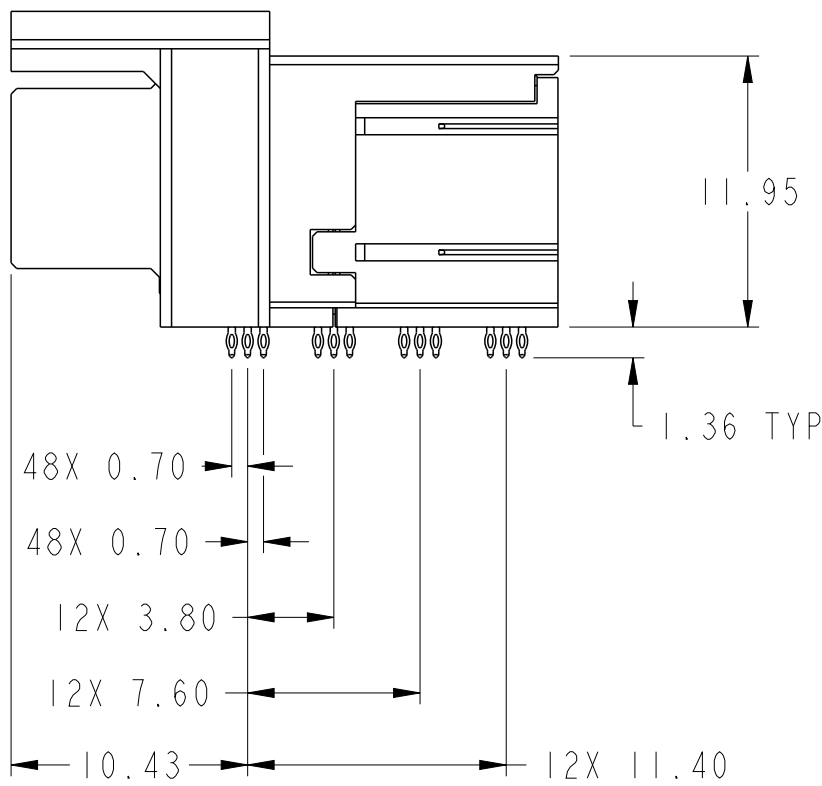
NOTES:

- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC, GLASS FILLED, UL 94V-0
TERMINALS: COPPER ALLOY
- FINISHES:
CONTACT AREA: 0.76µm 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-12-650.
APPLICATION SPECIFICATION: GS-20-0356
PACKAGING SPECIFICATION: GS-14-1490
- RECOMMENDED MOUNTING HARDWARE:
OPTION 1: M2 X 0.91mm SELF-THREADING SCREW
OPTION 2: M2 X 0.80mm SELF-THREADING SCREW
OPTION 3: M2 X 0.40mm SELF-THREADING SCREW
RECOMMENDED MOUNTING SCREW LENGTH: PCB THICKNESS + (2.5±0.35)mm
- THIS CONNECTOR IS DESIGNED TO MEET THE REQUIREMENTS OF INDUSTRY SPECIFICATION SFF-8643.
- A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



SECTION Z-Z

FCI P/N AND DATE CODE ON THIS SURFACE



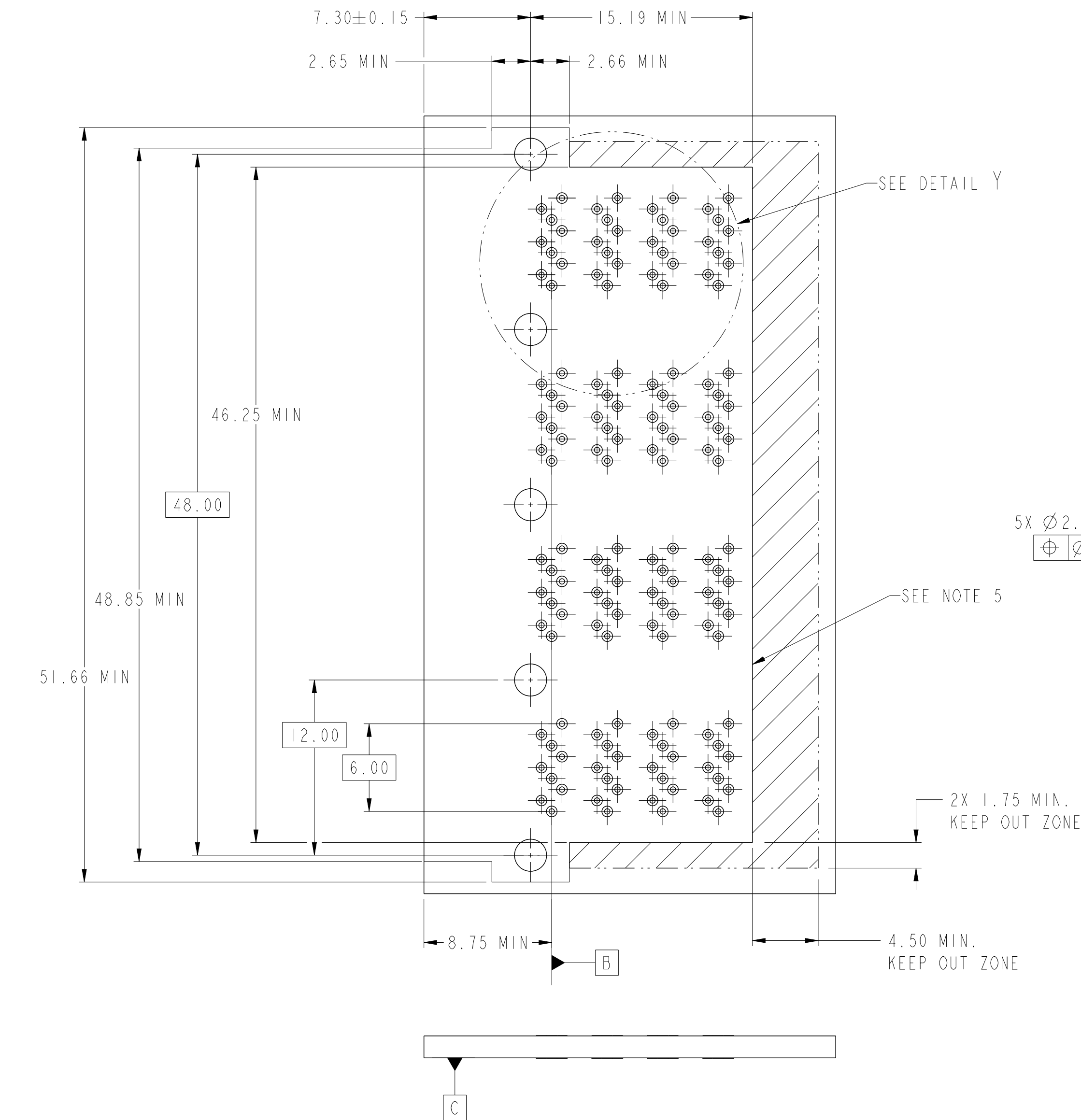
MATES WITH MINI-SAS HD ENDS IN:
10119217 SERIES (4i)
10119312 SERIES (4i)
10120086 SERIES (4i)
10120087 SERIES (4i)
10119576 SERIES (8i)
10119577 SERIES (8i)
10120088 SERIES (8i)
10120089 SERIES (8i)

spec ref	-	dr	Mark Gray	2010/08/04	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Jackbin Zou	2015/12/09	chr	Zhen Luo	2015/12/22	ecn no	ELX-DG-17997-1	
surface	✓	appr	Pei-Ming Zheng	2015/12/23	product family	MINI-SAS HD	rel level	Released		
linear	0.X ±0.25	title	IX4 INTERNAL ASSEMBLY	dwg no	10112634	rev	C			
angular	0° ±1/2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 4				

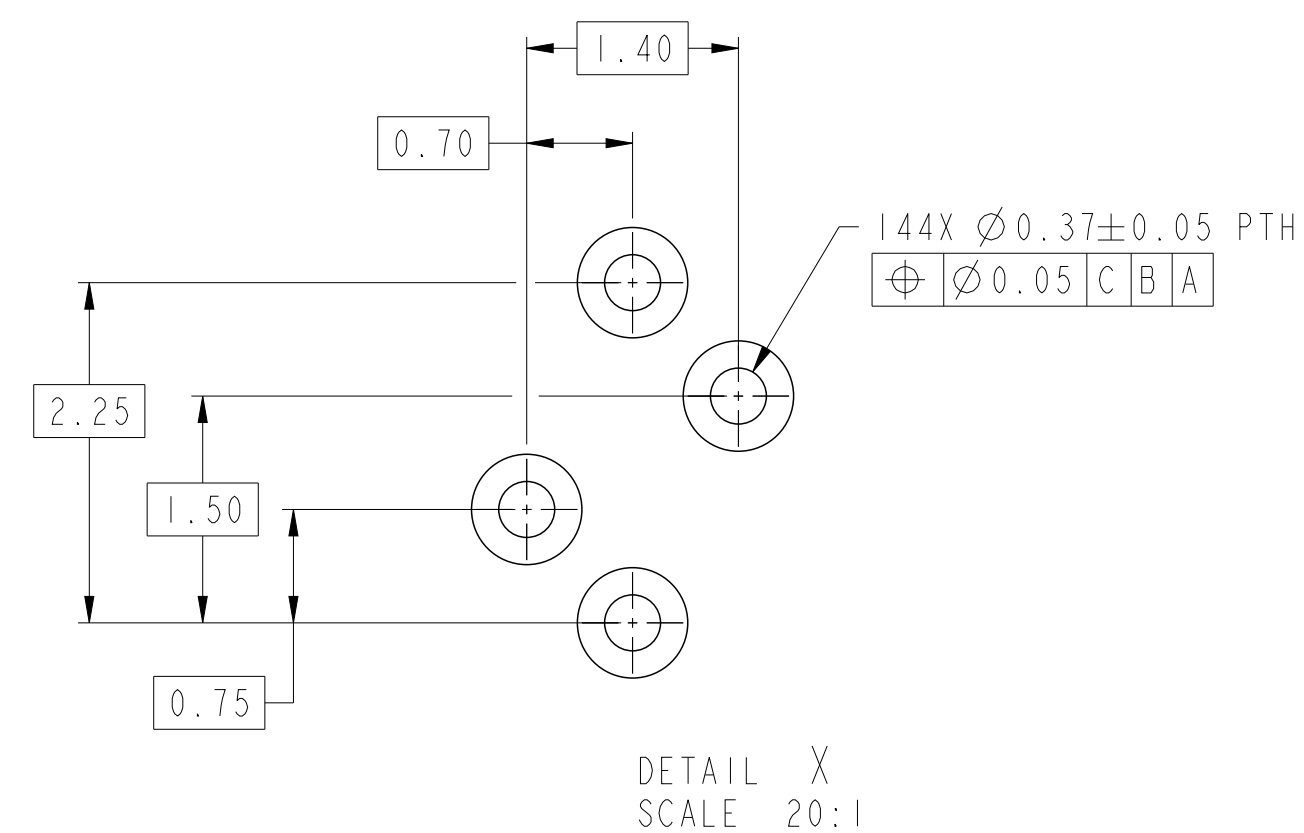
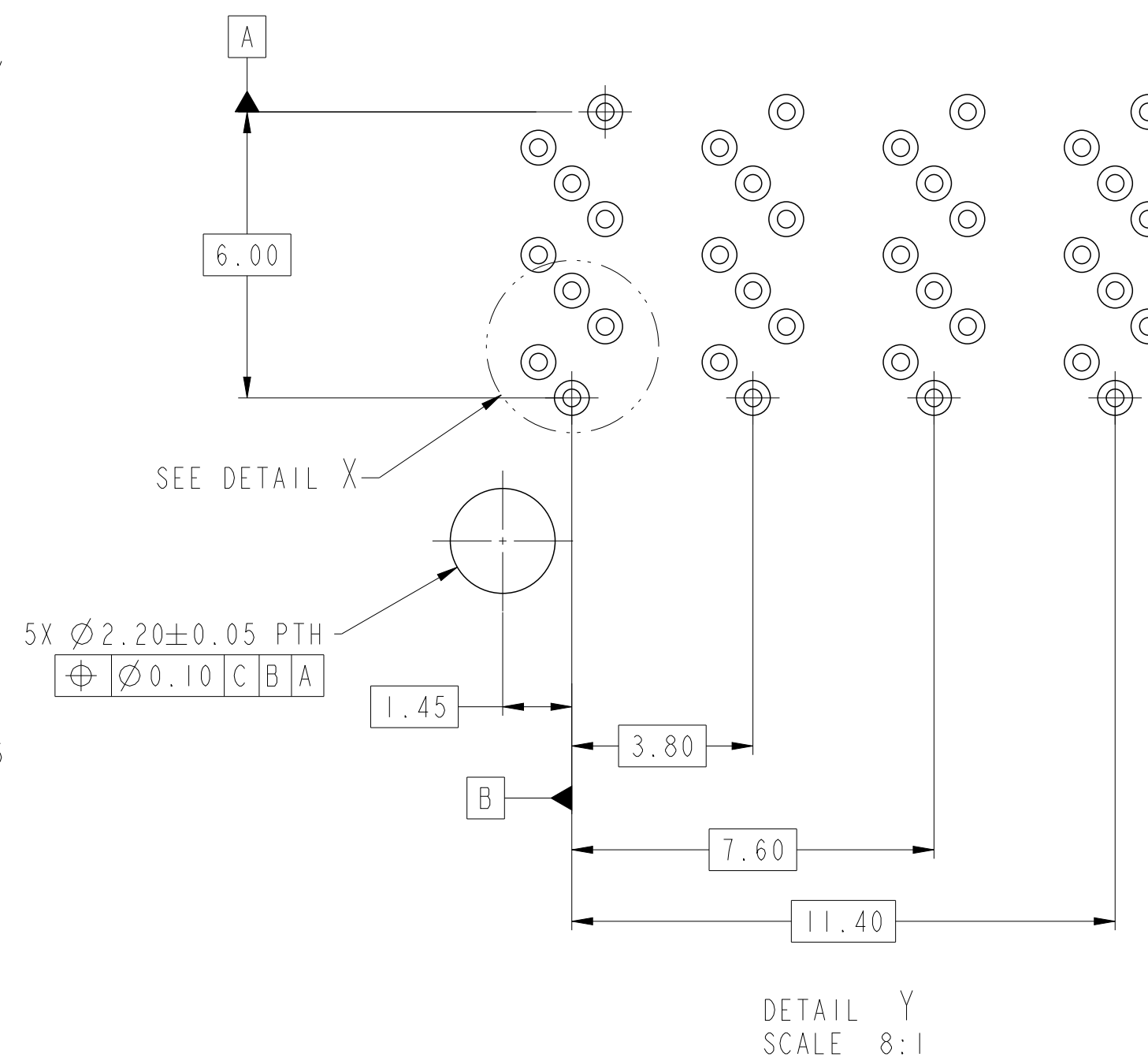
PDS: Rev :C

STATUS:Released

Printed: Dec 23, 2015



RECOMMENDED PC BOARD LAYOUT



NOTES:

1. RECOMMENDED DRILL SIZE FOR A $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.457$ (#77 DRILL).
2. RECOMMENDED ANNULAR RING AROUND $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.73$.
3. MINIMUM RECOMMENDED SPACING : 14.00mm.
4. MINIMUM PCB THICKNESS : 1.57mm.
5. CONNECTOR KEEP OUT AREA.

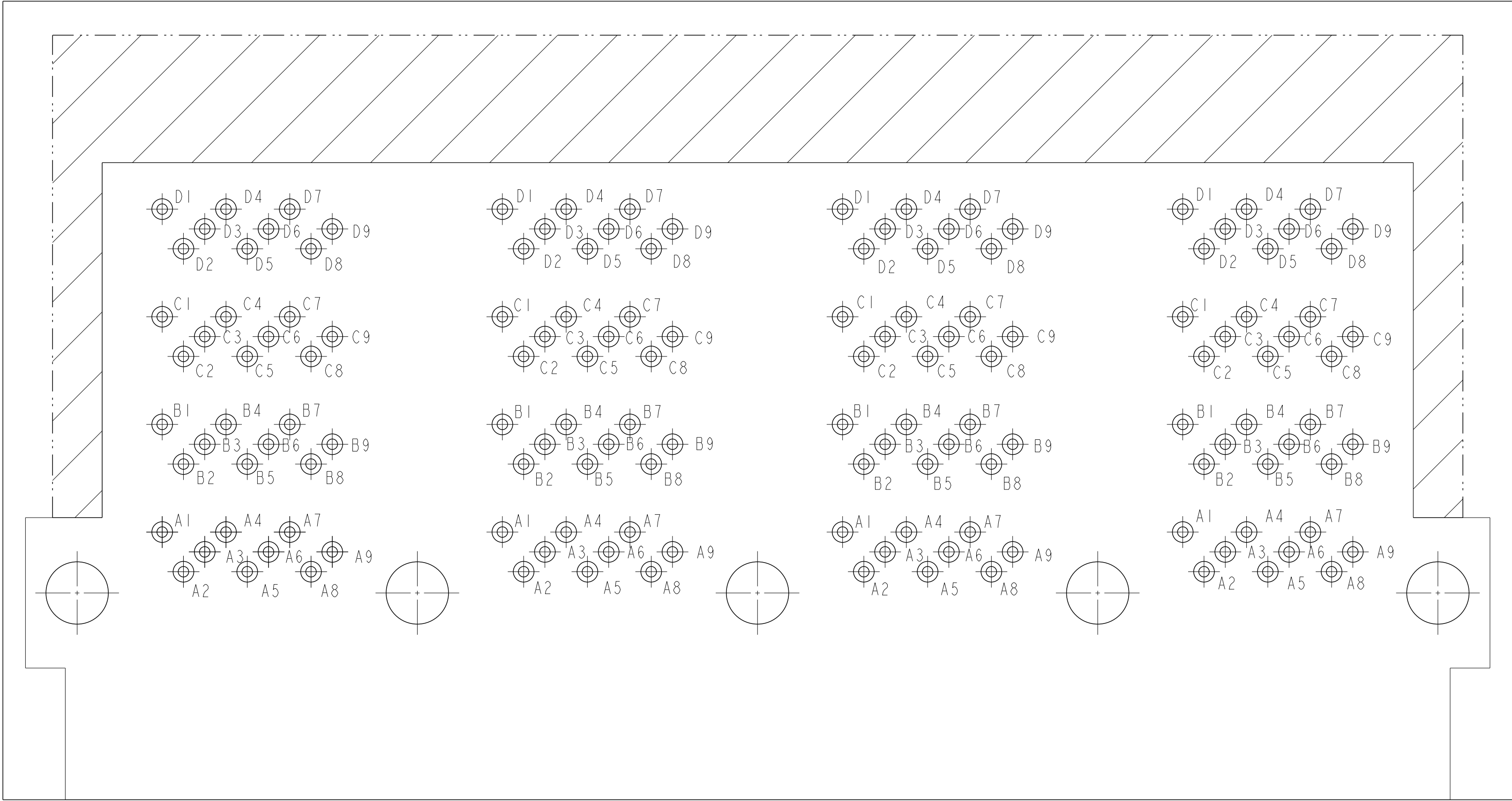
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tolerance std	ASME Y14.5	eng	Jackbin Zou	2015/12/09	chr	Zhen Luo	2015/12/22	ecn no	ELX-DG-17937-1	
		appr	Pei-Ming Zheng	2015/12/23	product family	MINI-SAS HD	rel level	Released		
surface	✓	linear	0.X	±0.25	0.XX	±0.15	0.XXX	±-		
ASME Y14.5	angular	0°	±1/2°							



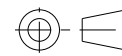
title
1X4 INTERNAL ASSEMBLY
MINI-SAS HD

dwg no
10112634
rev
C

PIN OUT DESIGNATIONS



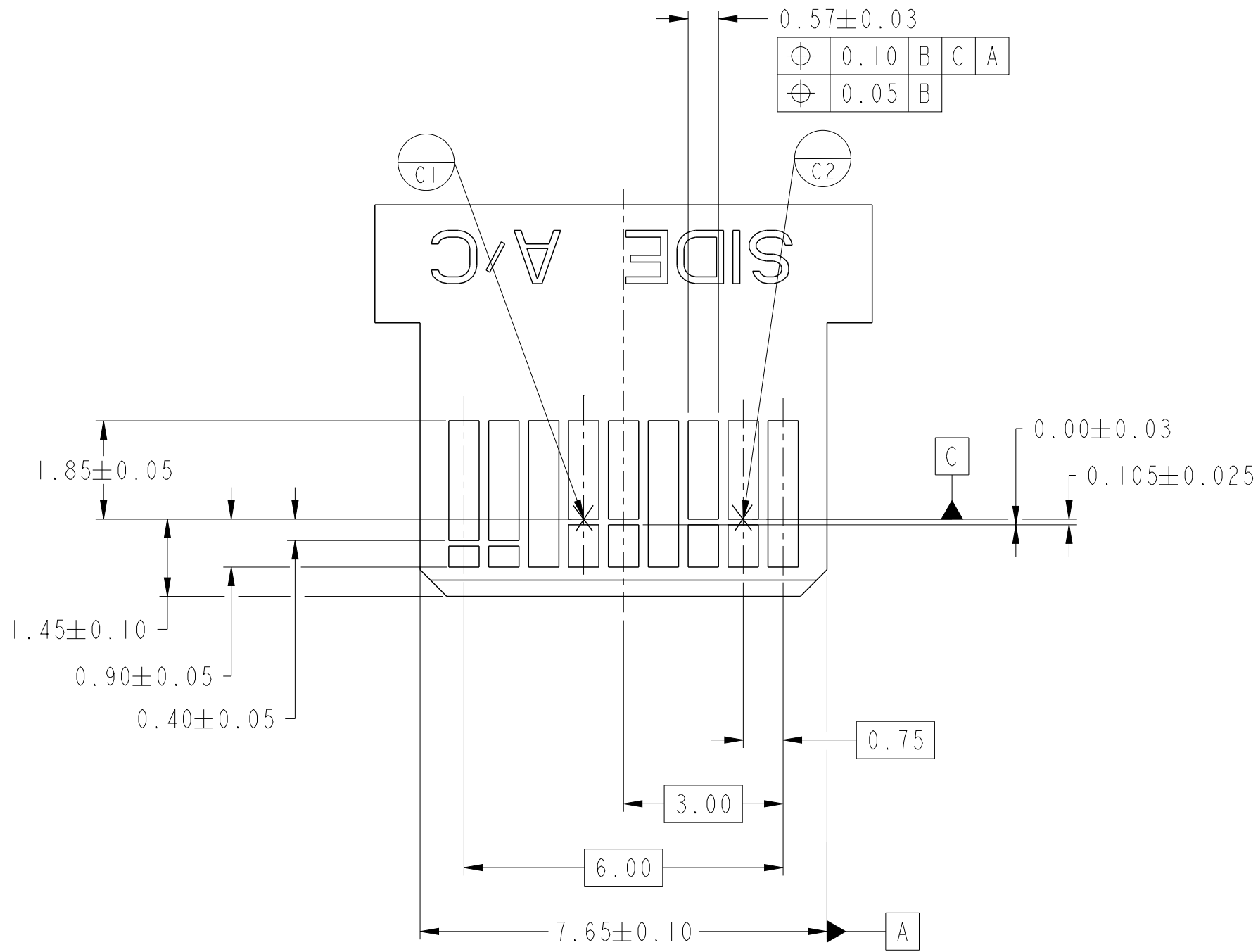
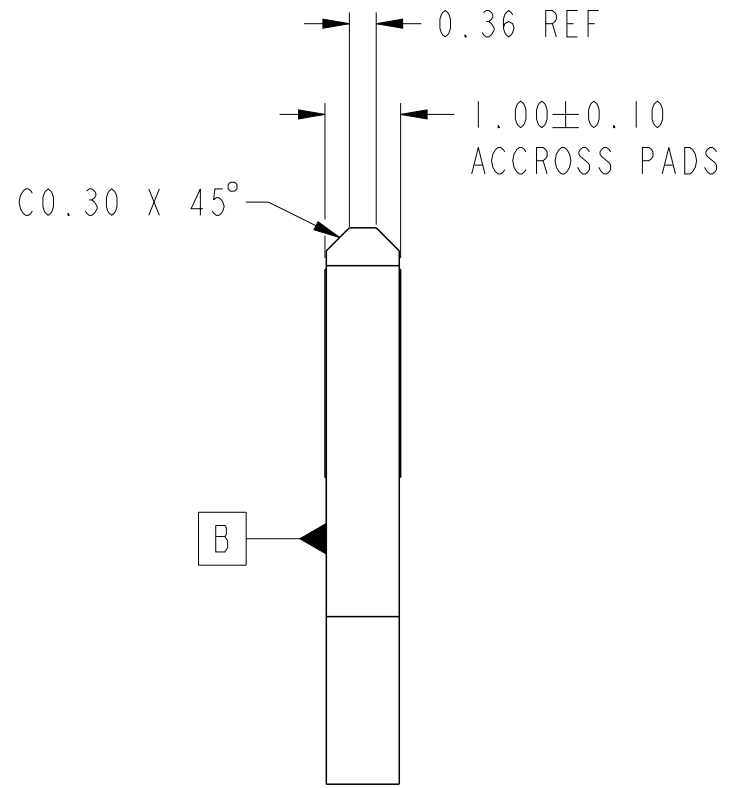
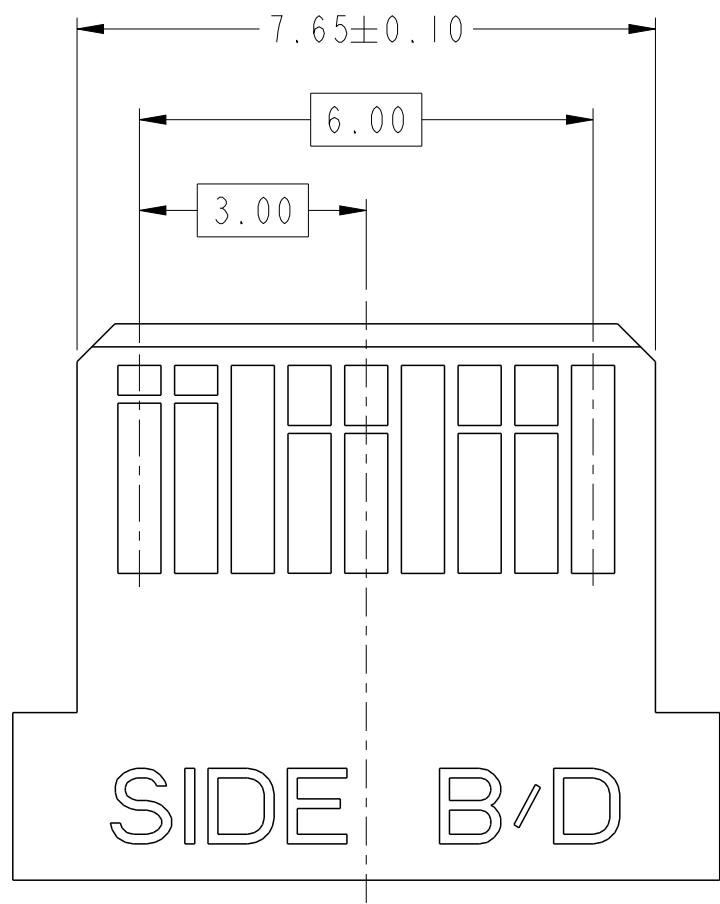
Copyright FCI.

spec ref -				dr Mark Gray		2010/08/04		projection		MM		size A2		scale 2:1							
tolerance std				eng Jackbin Zou		2015/12/09						ecn no		ELX-DG-17997-1							
ASME Y14.5				chr Zhen Luo		2015/12/22						rel level		Released							
				appr Pei-Ming Zheng		2015/12/23		product family		MINI-SAS HD											
surface 		linear		0.X		±0.25				title		IX4 INTERNAL ASSEMBLY		dwg no		10112634		rev		C	
				0.XX		±0.15															
		ASME Y14.5		angular		0°															

PDS: Rev :C

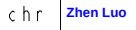
STATUS:Released

Printed: Dec 23, 2015



NOTES:

- 1. 0.05 MINIMUM KEEP OUT SOLDER MASK AROUND ALL PADS.
- 2. DATUM C 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		2:1					
tolerance std		ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jackbin Zou						2015/12/09		ecn no		ELX-DG-17937-1							
						chr		Zhen Luo		2015/12/22				appr		Pei-Ming Zheng		2015/12/23		product family		MINI-SAS HD		rel level	
surface  ASME Y14.5		linear		0.X		±0.25		 www.fci.com		title		IX4 INTERNAL ASSEMBLY		dwg no		10112634		rev		C					
				0.XX		±0.15																			
				0.XXX		±-																			
		angular		0°		±1/2°		cat. no.		-		Product - Customer Drw		sheet 4 of 4											