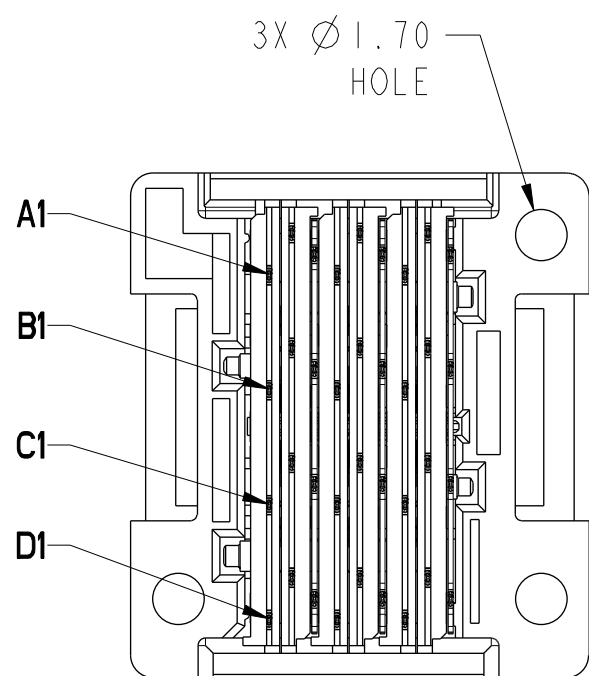
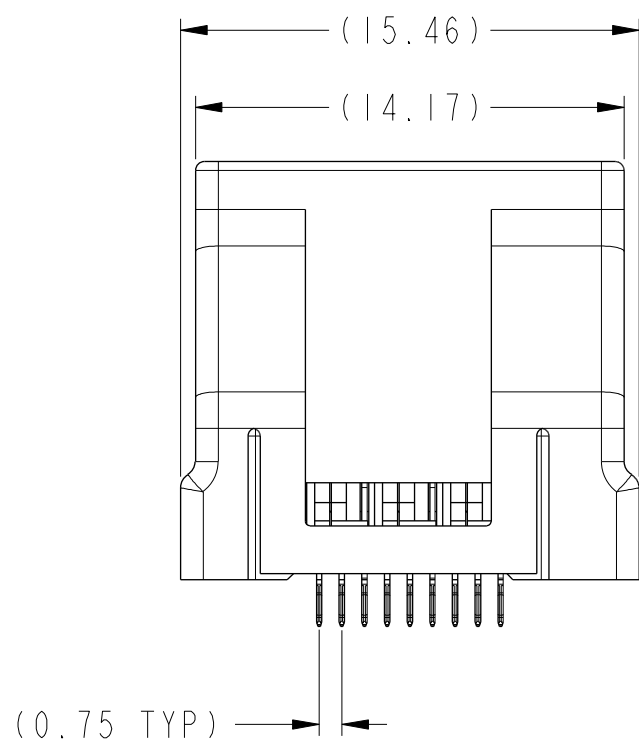
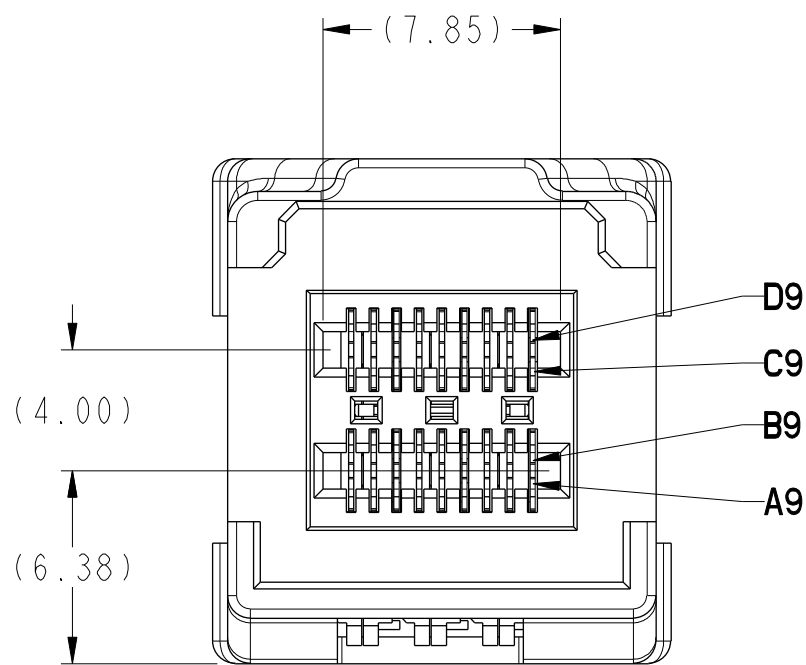


PRODUCT NUMBER	PLATING OPT.
10120666-XXX	OPTION 1
10120666-XXXLF	OPTION 2



PART NUMBER DESCRIPTION

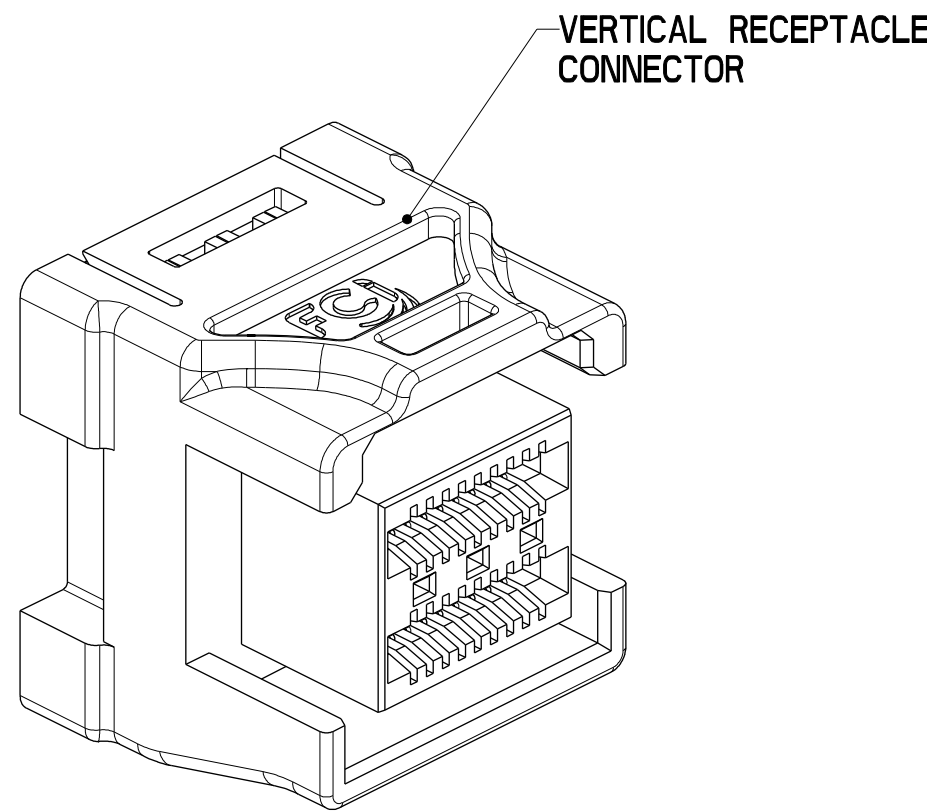
10120666 - X 0 1 LF

BASE NUMBER

HOUSING COLOR:

1: BLACK

3: NATURAL



NOTES:

- CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
TERMINALS: COPPER ALLOY
- FINISHES:
CONTACT AREA: 0.76um GOLD OVER 2.54 um MIN NICKEL WITH PAO LUBE.
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-12-650
APPLICATION SPECIFICATION: GS-20-0356
PACKING SPECIFICATION: GS-14-1490
- MOUNTING HARDWARE: M2 X 0.91 SELF-THREADING SCREW
MOUNTING SCREW LENGTH: PCB THICKNESS + 2.54mm MAX.
- THIS CONNECTOR IS DESIGNED TO MEET THE REQUIREMENT OF
INDUSTRY SPECIFICATION SFF-8643.

spec ref	-	dr	Deborah Ingram	2012/04/10	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Andy Lu	2014/04/01	chr	-	ecn no	ELK-DG-17362-1	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/04/02	product family	MINI-SAS HD CONCEPT	cat. no.	10120666	rev	F
ASME Y14.5	linear	0.X	±0.25	0.XX	±0.13	0.XXX	±-	angular	0°	±1/2°
www.fci.com			Product - Customer Drw			sheet 1 of 4				

PDS: Rev :F

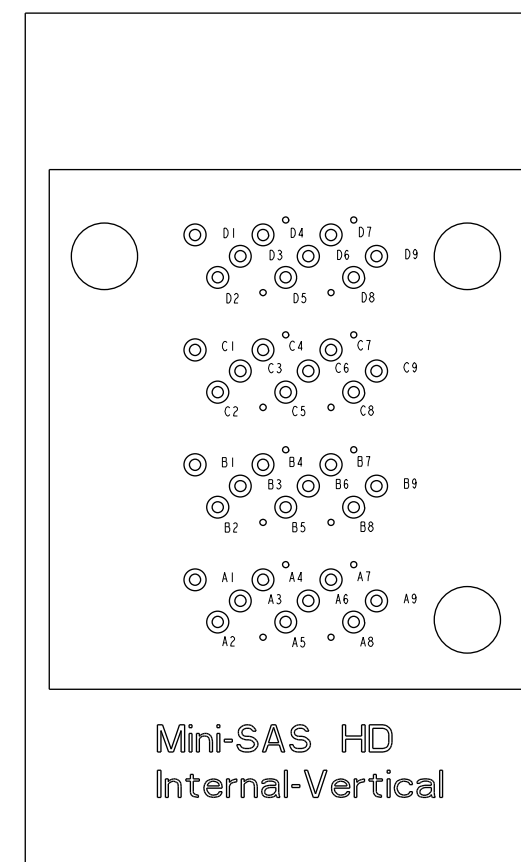
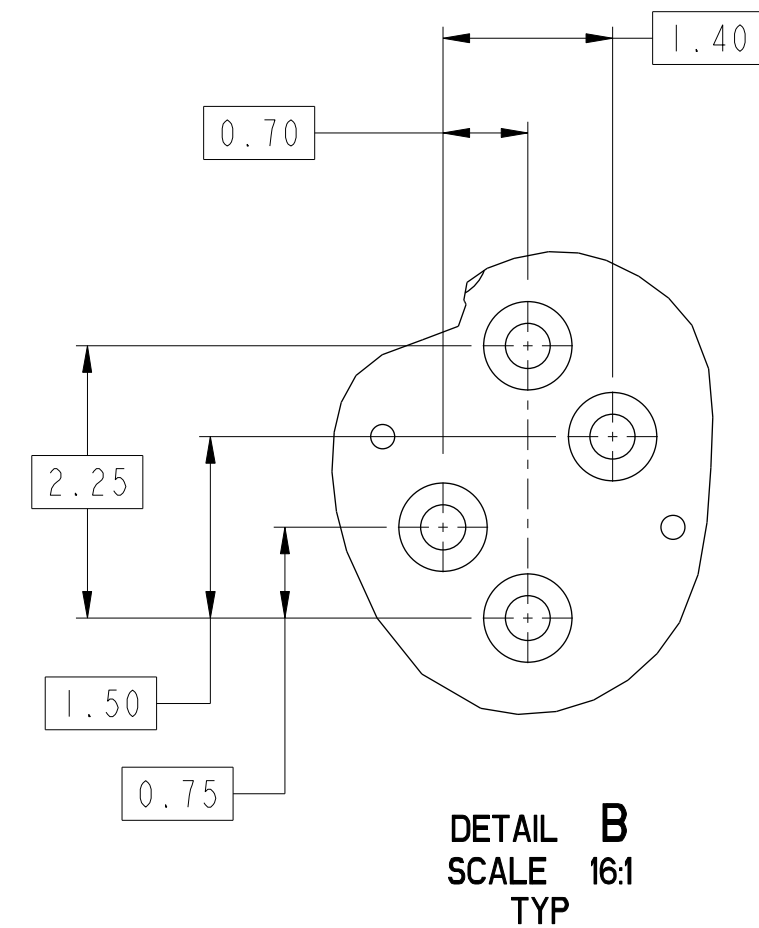
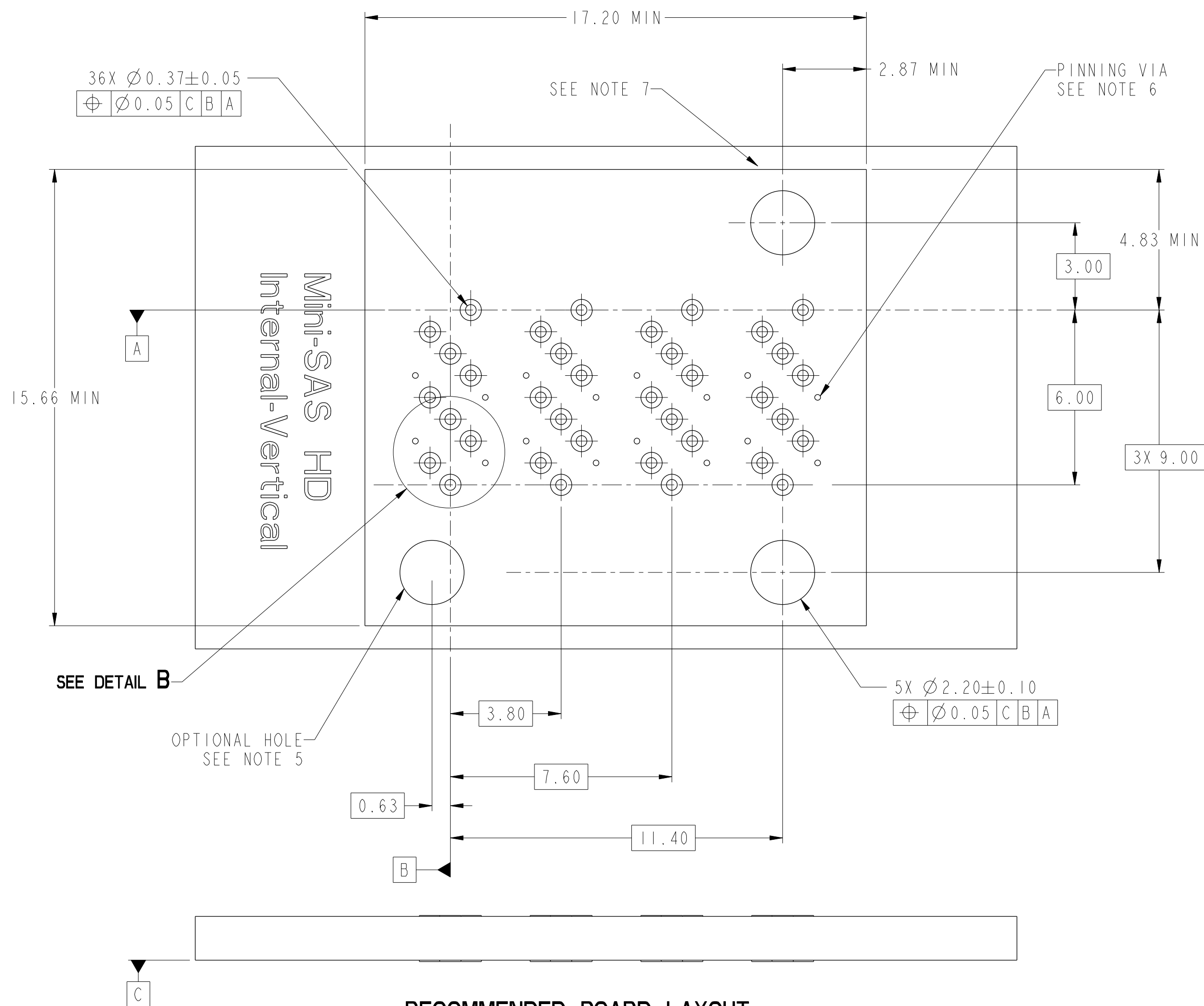
STATUS:Released

Printed: Apr 03, 2014

NOTES:

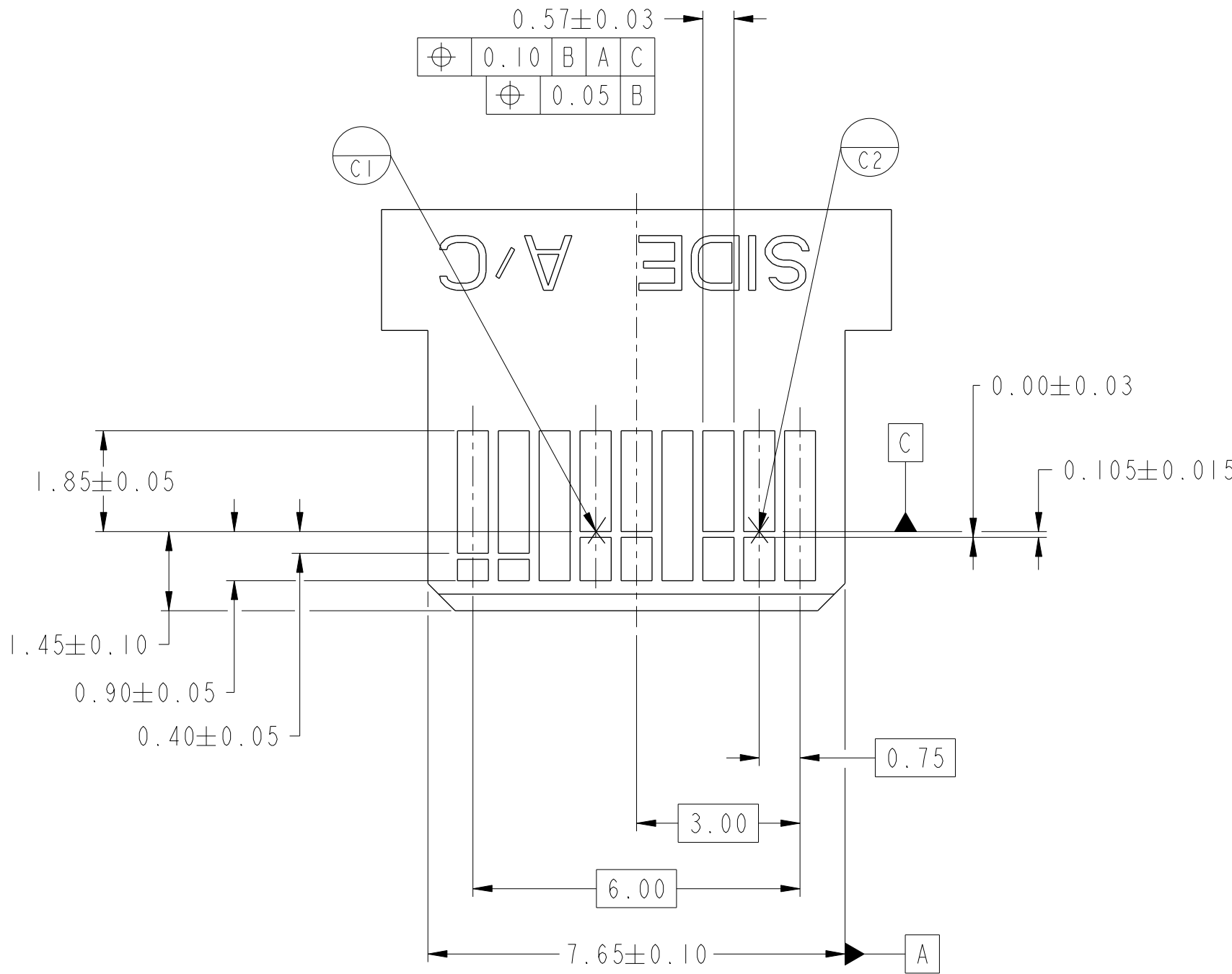
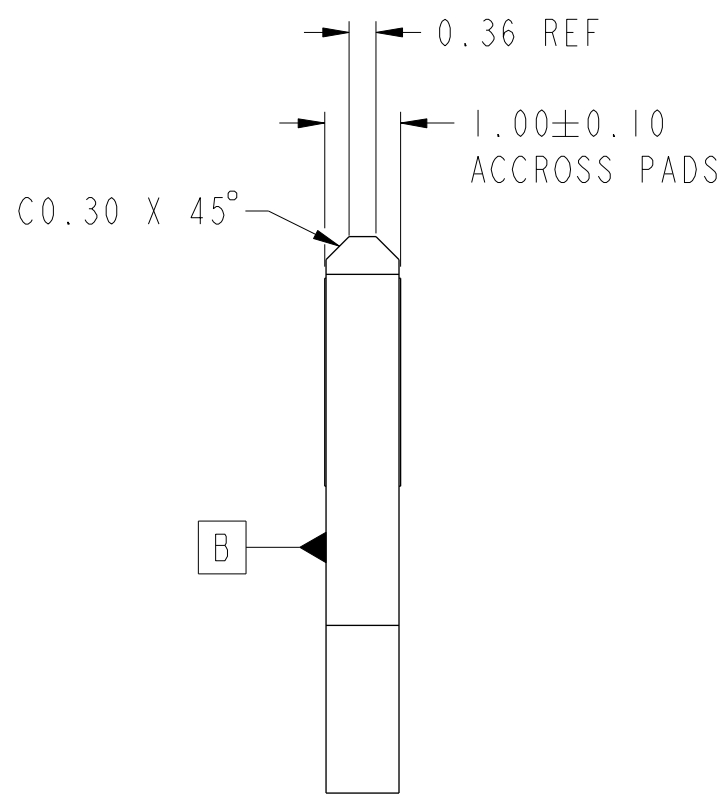
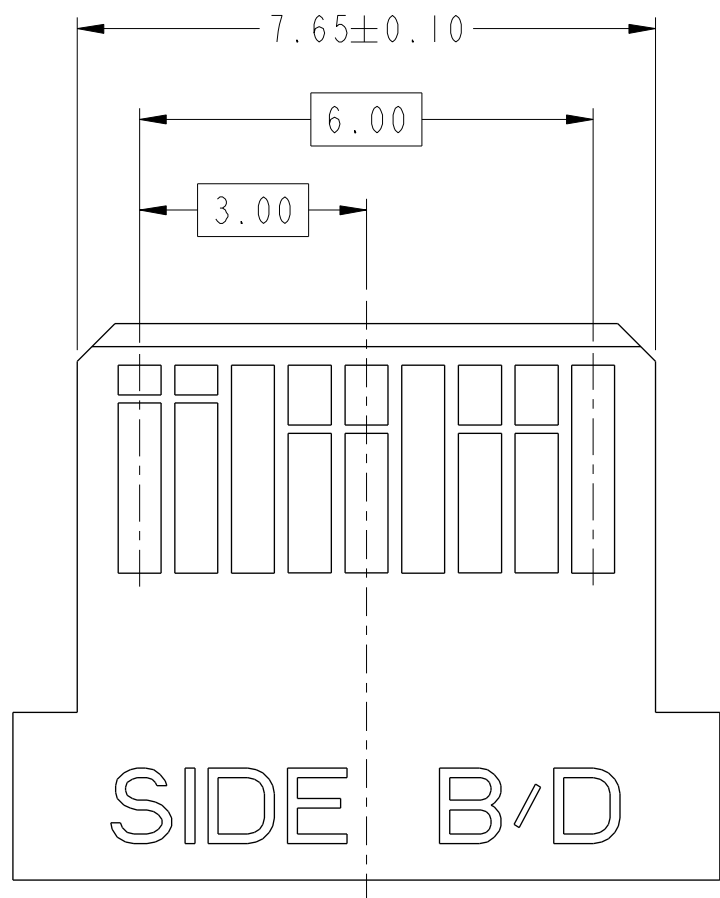
1. RECOMMENDED DRILL SIZE FOR A $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.457$ (#77 DRILL).
2. RECOMMENDED ANNULAR RING AROUND $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.73$.
3. MINIMUM RECOMMENDED SPACING : 14.00mm.
4. MINIMUM PCB THICKNESS : 1.57mm.
5. USE OF HOLE IS OPITONAL AND CAN BE ADDED WHEN ADDTIONAL MECHANICAL MOUNTING AND STRAIN RELIEF IS DEEMED NECESSARY.
6. DETAILED INFORMATION OF "PINNING VIA" REFER TO APPLICATION SPECIFICATION GS-20-0356 SECTION 5
7. CONNECTOR KEEP OUT AREA

RECOMMENDED BOARD LAYOUT
SCALE 8:1



1X1
PIN OUT DESIGNATIONS
ROTATED 90°

spec ref	-	dr	Deborah Ingram	2012/04/10	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Andy Lu	2014/04/01	chr	-	ecn no	ELK-DG-17362-1	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/04/02	product family	MINI-SAS HD CONCEPT	diag no	10120666	rev	F
ASME Y14.5	linear	angular	0°	±1/2°	www.fci.com	cat. no.	Product - Customer Drw	sheet 2 of 4		



NOTES:

1. 0.05 MINIMUM KEEP OUT SOLDER MASK AROUND ALL PADS.

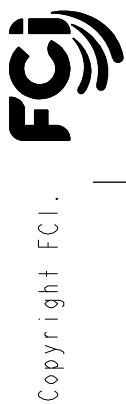
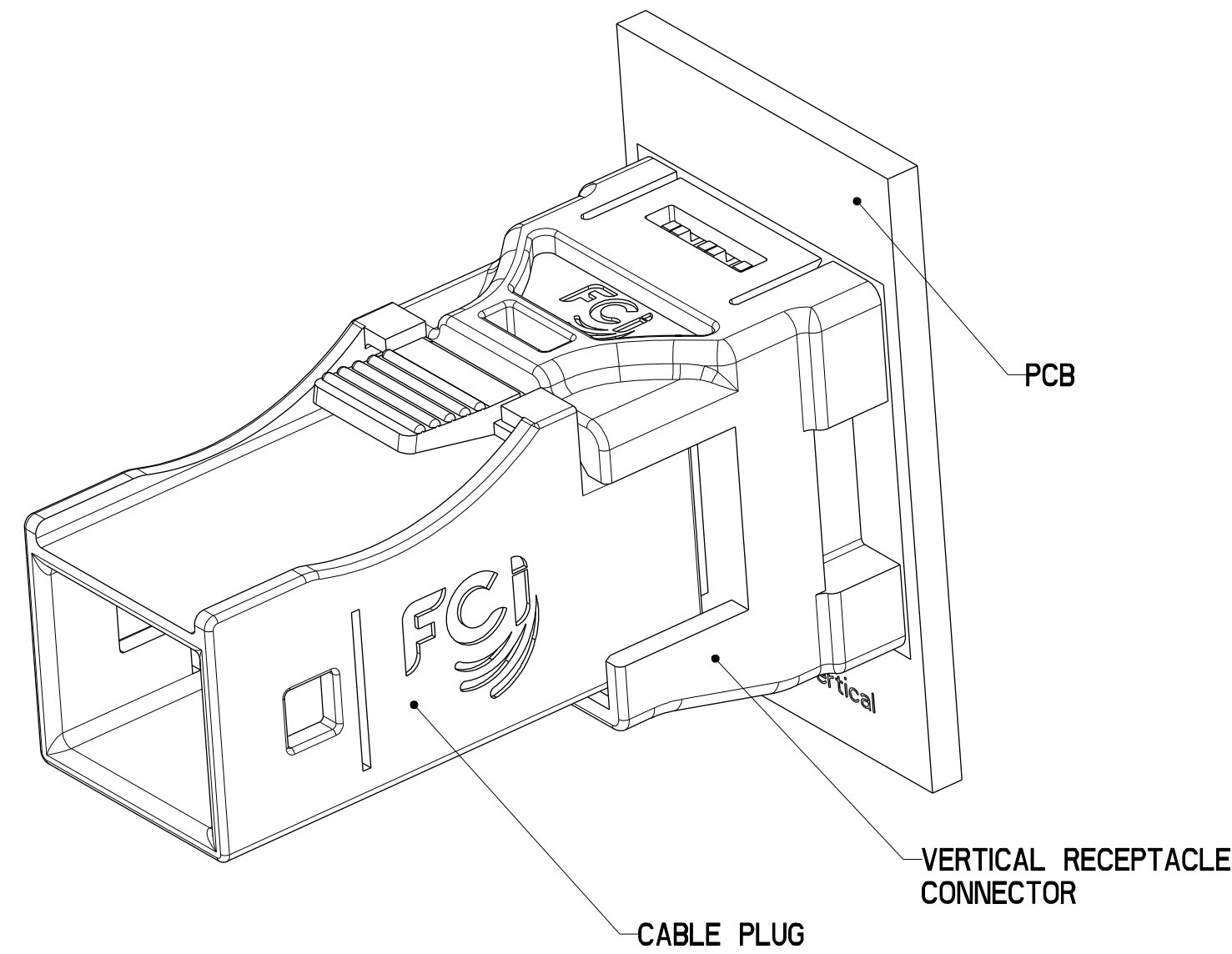
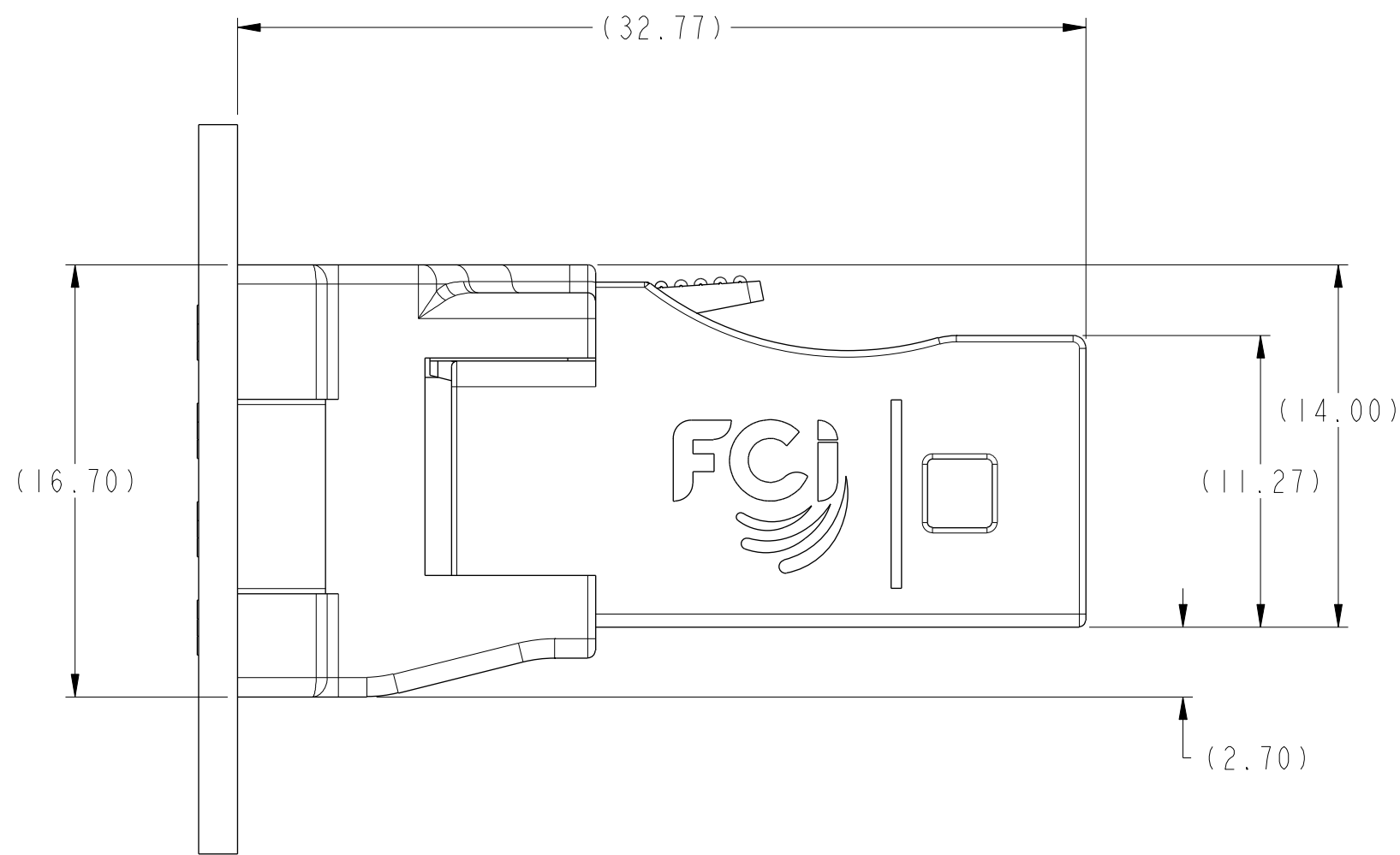
2. DATUM C TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS.

spec ref		-		dr		Deborah Ingram		2012/04/10		projection		MM		size		A2		scale		4:1			
tolerance std		ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Andy Lu		2014/04/01						ecn no		ELX-DG-17362-1					
		chr				-		-															
		appr				Pei-Ming Zheng		2014/04/02		product family								rel level		Released			
surface		✓		linear		0.X		±0.25				title		IXI INTERNAL VERTICAL ASSEMBLY		dwg no		10120666		rev		F	
				0.XX		±0.13		MINI-SAS HD CONCEPT															
				0.XXX		±-																	
ASME Y14.5		angular		0°		±1/2°		www.fci.com		cat. no.		Product- Customer Drw		sheet 3 of 4									

12345678

A
B
C
D
E
F

A
B
C
D
E
F



spec ref	-	dr	Deborah Ingram	2012/04/10	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Andy Lu	2014/04/01	chr	-	ecn no	ELX-DG-17362-1	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/04/02	product family	IXI INTERNAL VERTICAL ASSEMBLY	cat. no.	10120666	rev	F
ASME Y14.5	linear	0.X	±0.25	0.XX	±0.13	0.XXX	±-	angular	0°	±1/2°
			www.fci.com	Product - Customer Drw			sheet 4 of 4			