

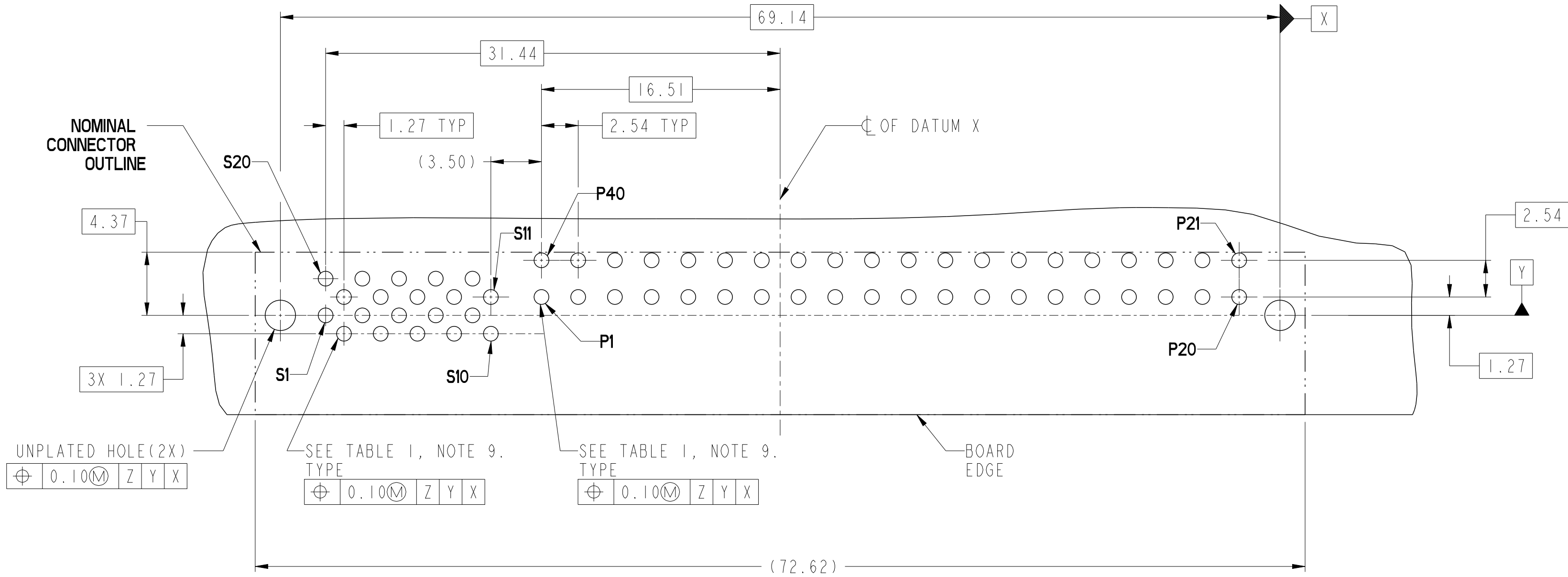




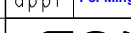
spec ref		-		dr		Wei-Long Zhang		2012/09/27		projection				MM				size		A2		scale		4:1							
tolerance std		ISO 406 ISO 1101		eng		Hai-Ling Liu		2015/06/16		chr		Terris Liu		2015/06/15		appr		Pei-Ming Zheng		ecn no		-		rel level		Released					
TOLERANCES UNLESS OTHERWISE SPECIFIED																															
surface		ISO 1302		linear		0.X		±0.5		0.XX		±0.25		0.XXX		±0.10		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4	
FCI		R/A RECT (20S-40P)		HIGH POWER CARD EDGE		dwg no		10122876		rev		A																			

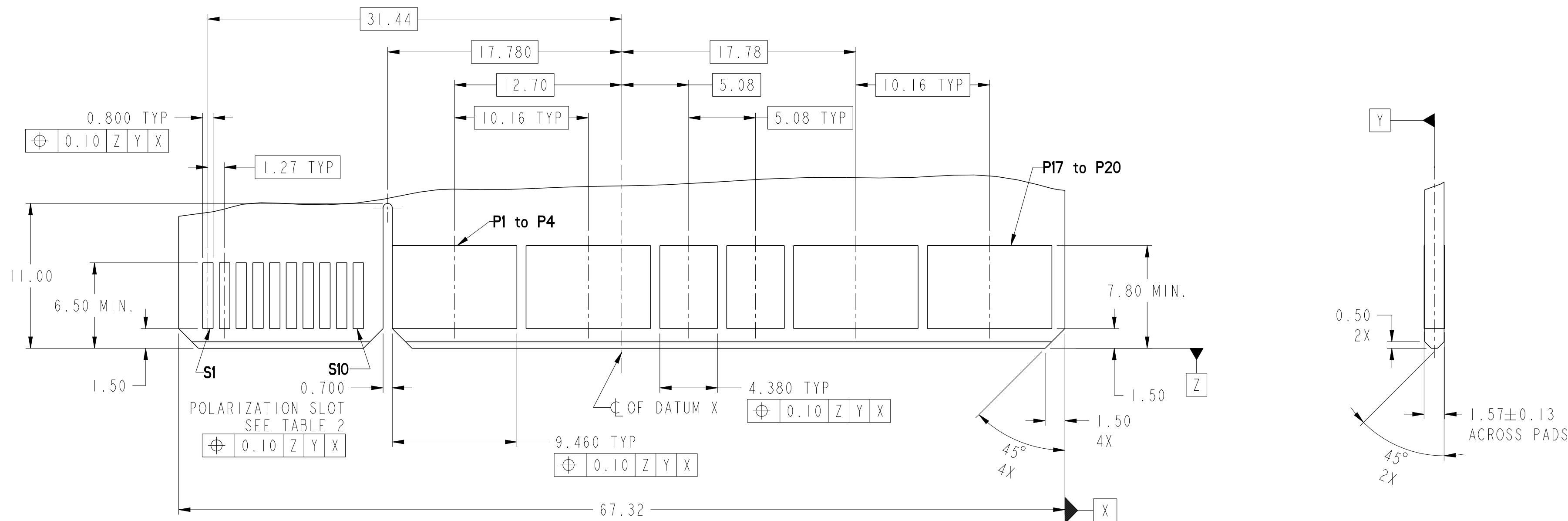
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.94 - 1.10
	COPPER (SEE NOTE 8)	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10







RECOMMENDED PCB LAYOUT

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spec ref		-		dr		Wei-Long Zhang		2012/09/27		projection		MM		size		A2		scale		4:1			
tolerance std		ISO 406		eng		Hai-Ling Liu		2015/06/16						ecn no		-		rel level		Released			
ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2015/06/15						product family									
				appr		Pei-Ming Zheng		2015/06/16															
surface		✓		linear		0.X		±0.5				title		R/A RECT (20S-40P)		dwg no		10122876		rev		A	
				0.XX		±0.25		HIGH POWER CARD EDGE															
ISO 1302				0.XXX		±0.10																	
		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 2 of 4									



RECOMMENDED MATING BOARD FOOT PRINT

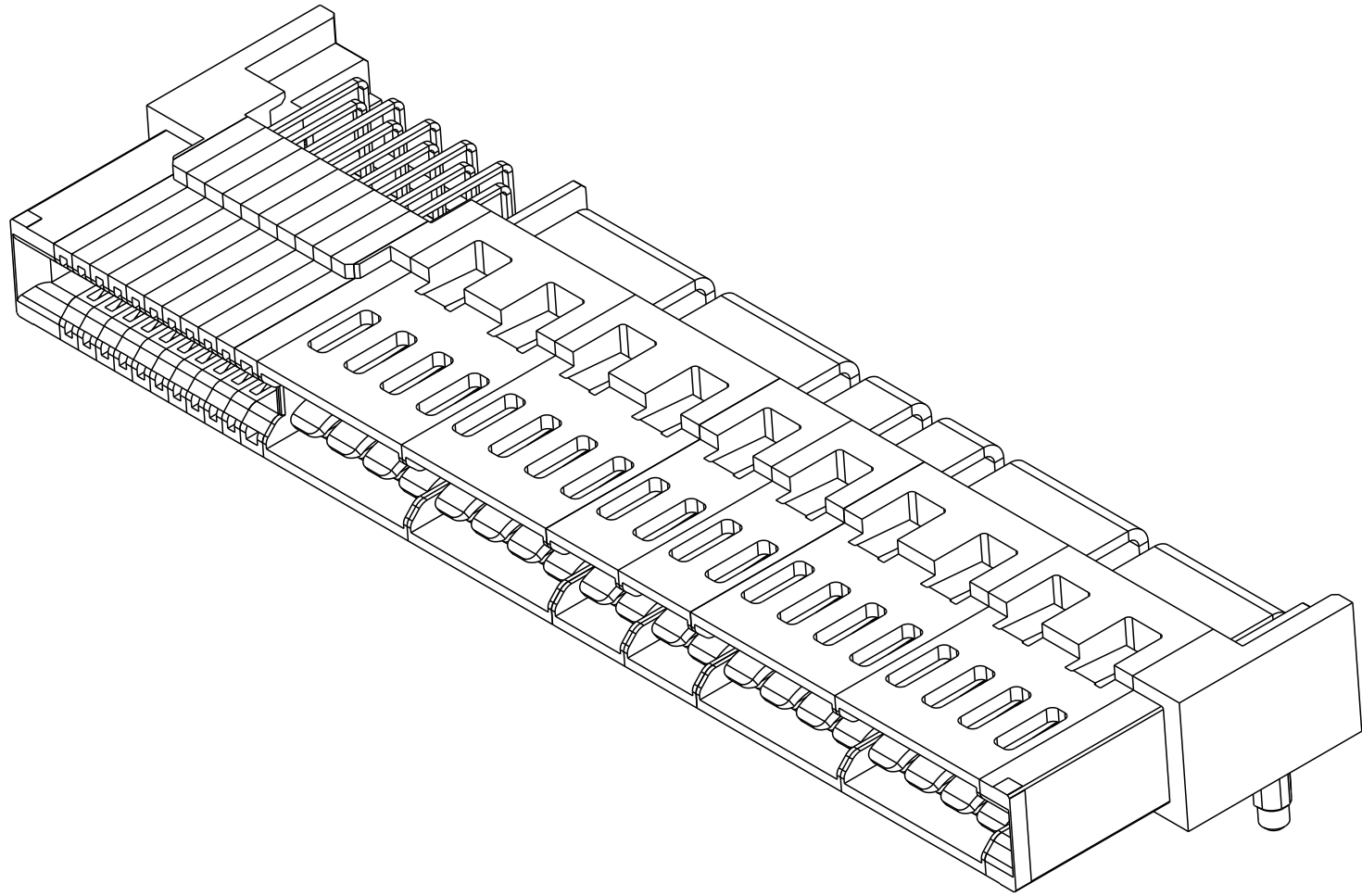
spec ref		-		dr		Wei-Long Zhang		2012/09/27		projection		MM		size		A2		scale		4:1			
tolerance std		ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Hai-Ling Liu		2015/06/16						ecn no		-		rel level		Released	
ISO 1101		chr				Terris Liu		2015/06/15		appr													
surface				linear				title		R/A RECT (20S-40P)		dwg no		10122876		rev		A					
				0.X																±0.5			
				0.XX																±0.25			
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 3 of 4									

PDS: Rev :A


STATUS:Released

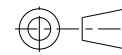
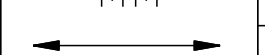


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HPCE PART NUMBER (TABLE 2)				
PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TAIL LENGTH
10122876-001LF	SOLDER TAIL	NO	YES	3.25±0.25
10122876-002LF			NO	
10122876-003LF		YES	YES	
10122876-004LF			NO	
10122876-005LF		NO	YES	2.60±0.25
10122876-006LF			NO	
10122876-007LF		YES	YES	
10122876-008LF			NO	



NOTES:

1. CONNECTOR MATERIALS:
- HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT
- CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.
3. PRODUCT SPECIFICATION: GS-12-604.
4. APPLICATION SPECIFICATION: GS-20-128.
5. PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
10. MOUNTING HOLES ARE UNPLATED
Ø 2.18 +/- 0.03 FOR SOLDER TAILS
11. A  SYMBOL WILL BE NEXT TO ANY DIMENSIONS, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref -		dr Wei-Long Zhang		2012/09/27				size A2	scale 4:1
tolerance std		eng Hai-Ling Liu		2015/06/16				ecn no -	rel level Released
ISO 406		chr Terris Liu		2015/06/15					
ISO 1101		appr Pei-Ming Zheng		2015/06/16					
		product family							
surface 		linear	0.X	±0.5		title R/A RECT (20S-40P) HIGH POWER CARD EDGE	dwg no 10122876	rev A	
	0.XX		±0.25						
	0.XXX		±0.10						
ISO 1302	angular 0°	±2°	www.fci.com		cat. no.	Product - Customer Drw		sheet 4 of 4	