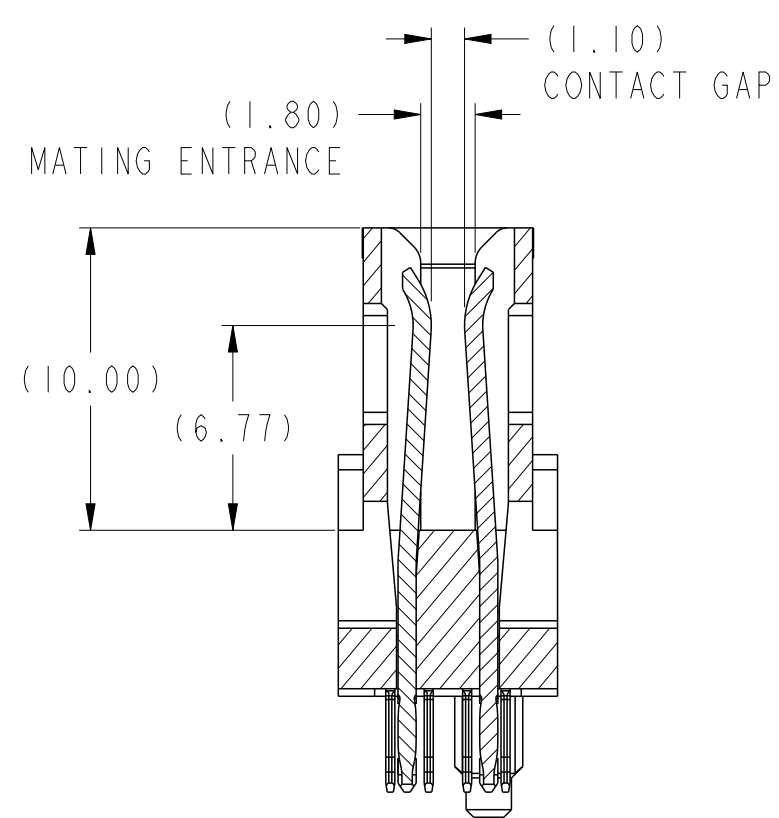
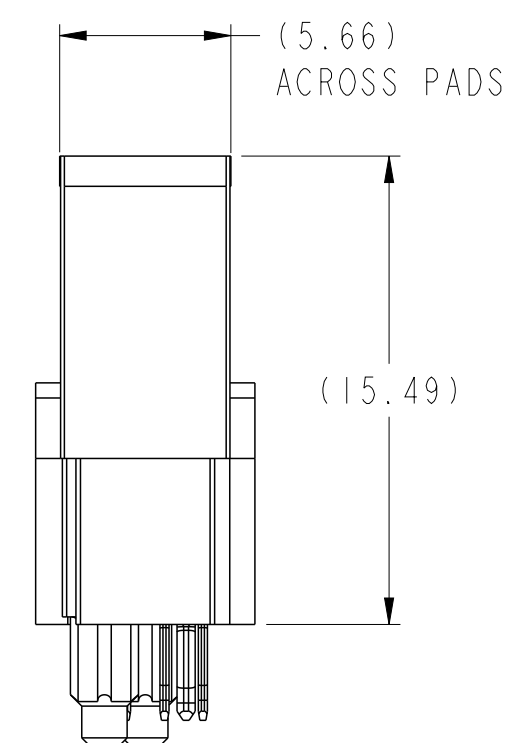
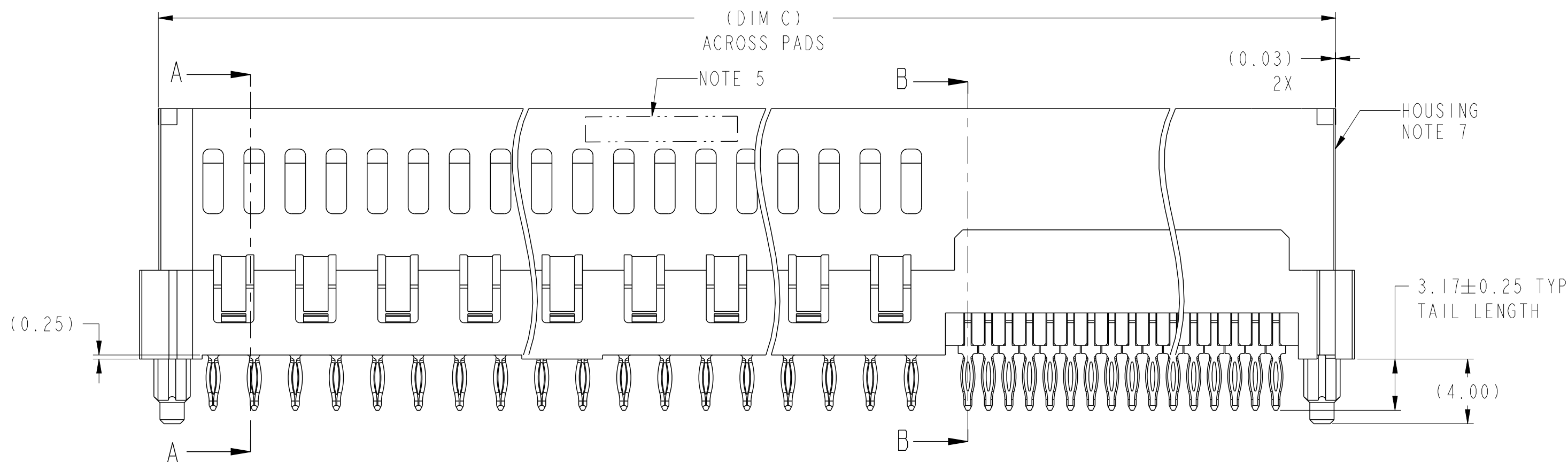
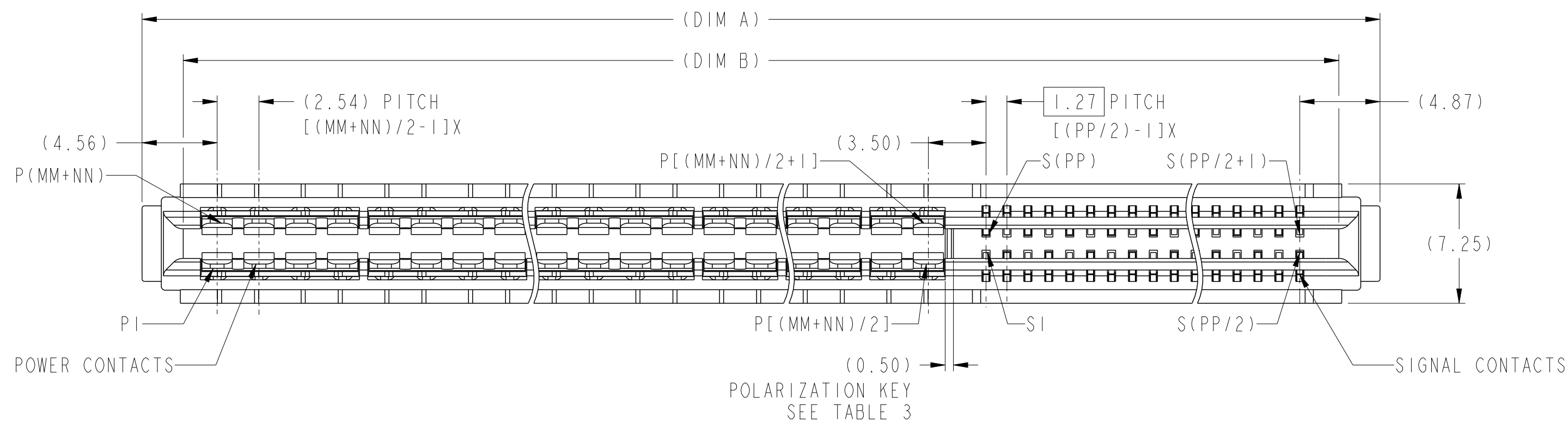
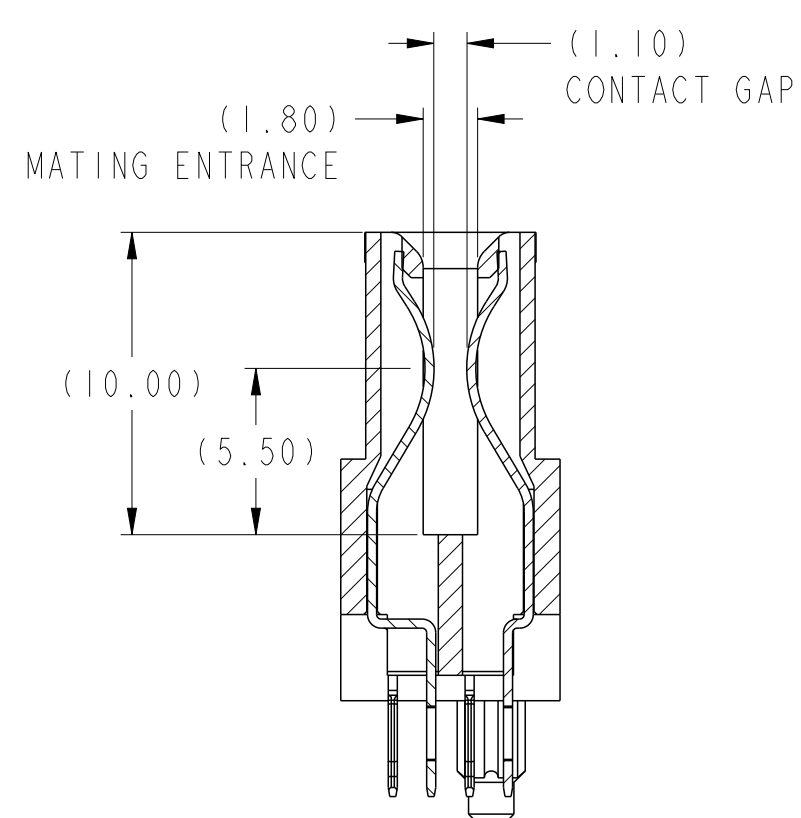




SECTION A-A
SCALE 4:1



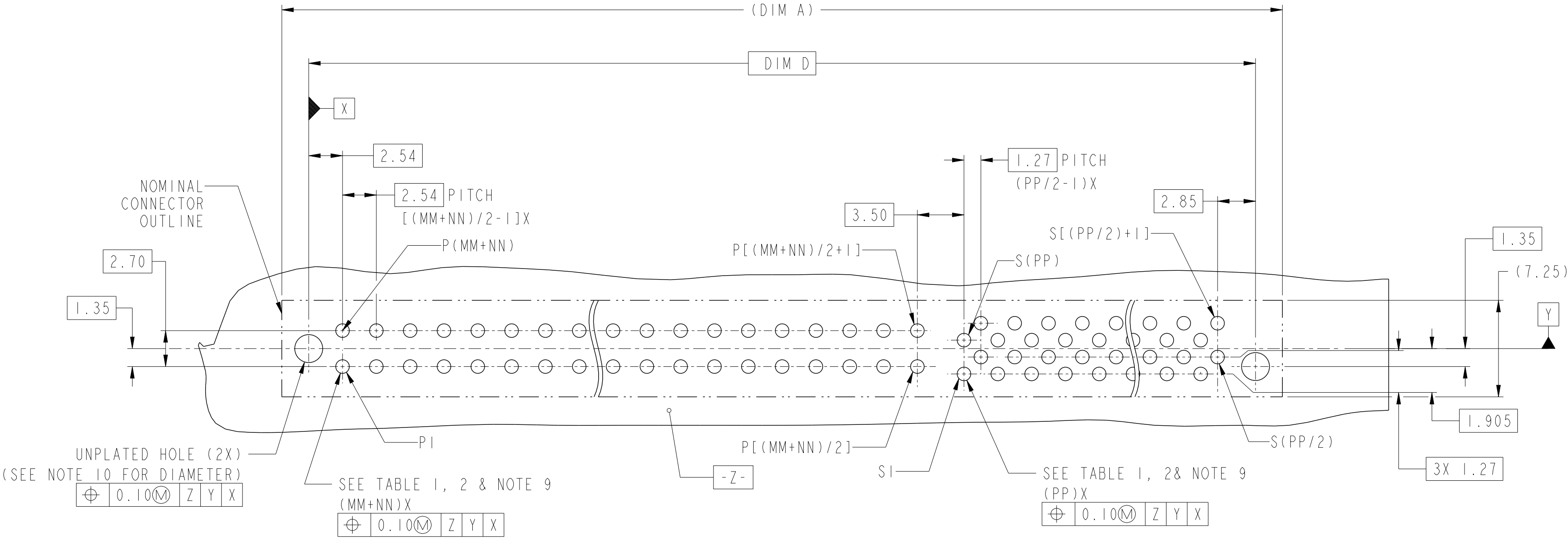
SECTION B-B
SCALE 4:1

REV	EC	DR	DATE
A	---	JW	2012-08-22
B	ELX-DG-012696-1	JW	2012-08-28

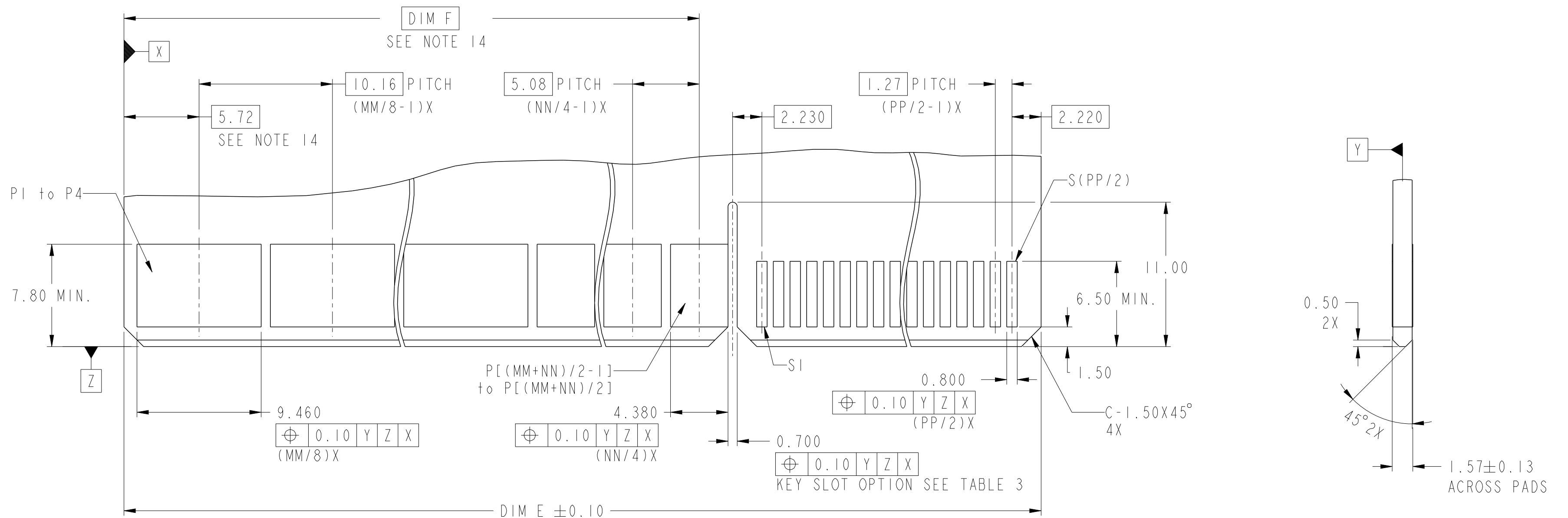
spec ref	-	dr	Wei-Long Zhang	2012/07/05	projection	MM	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Wei-Long Zhang	2012/08/28	chr	-	ecn no	ELX-DG-012696-1	rel level	Released
surface	ISO 1302	appr	Pei-Ming Zheng	2012/08/28	product family		cat. no.	10121506	rev	B
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05	angular	0° ±2°	www.fci.com	Product - Customer Drw	sheet 1 of 4				

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

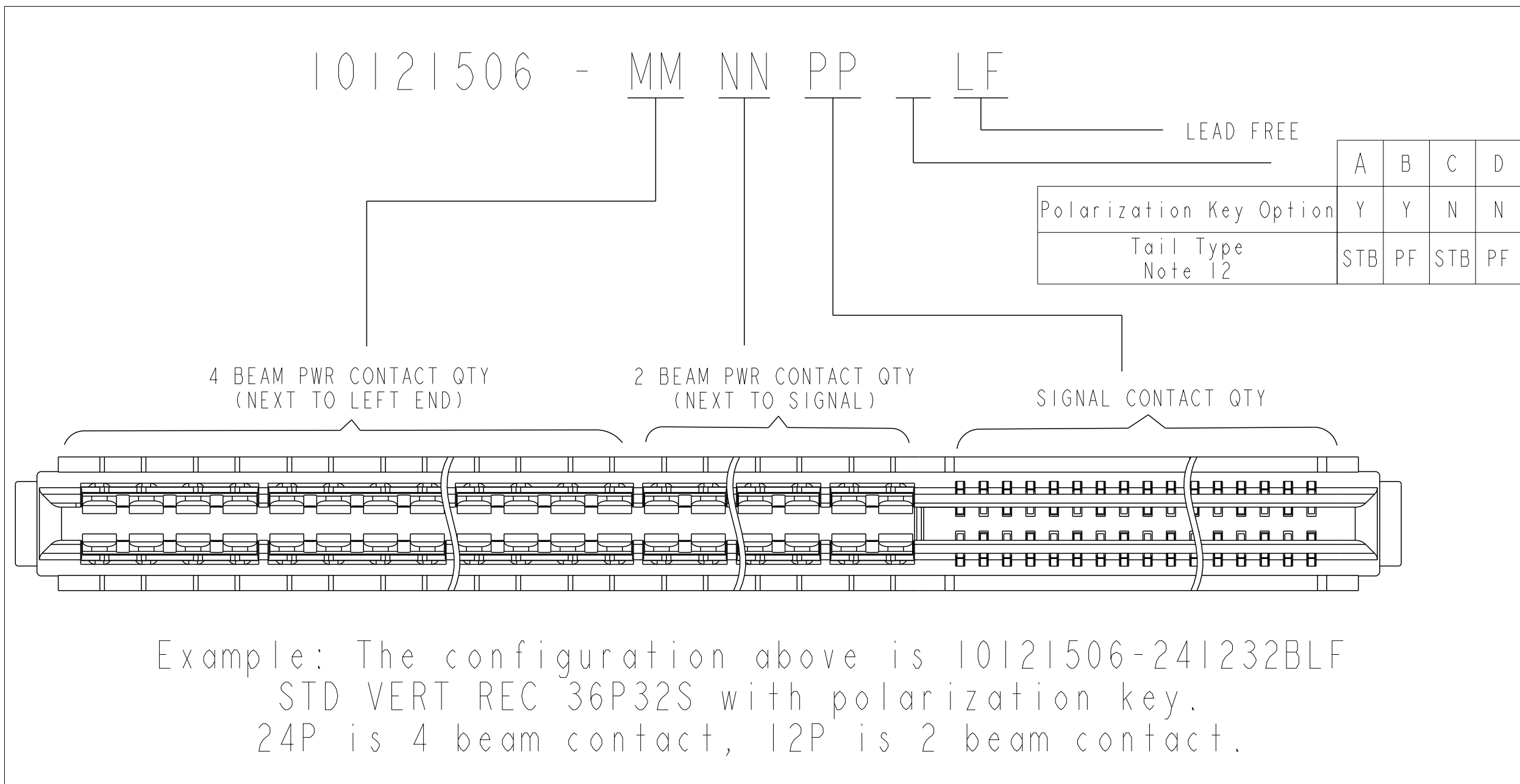
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.70 - 0.80
	COPPER (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



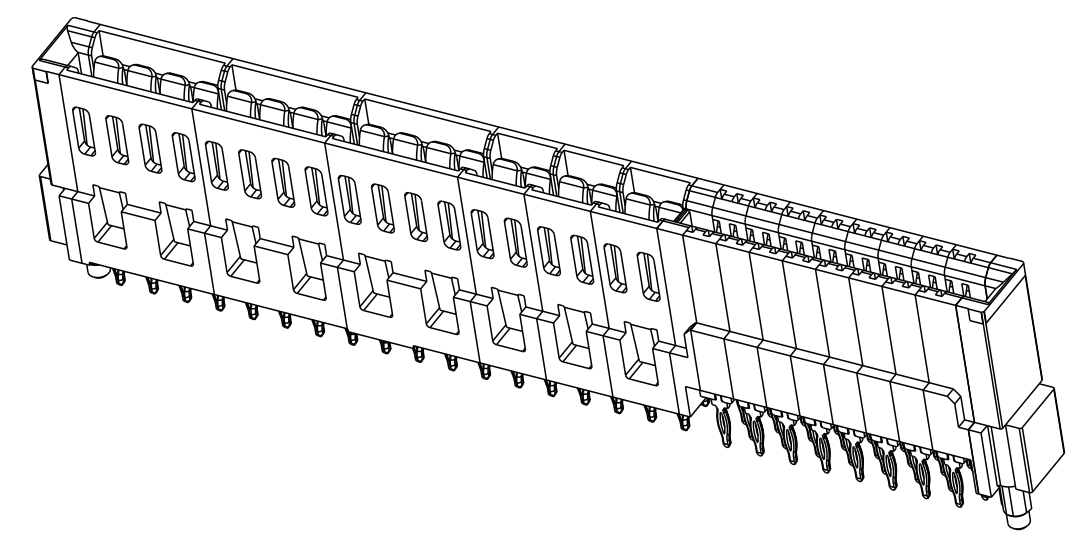
dr	Wei-Long Zhang	2012/07/05	projection 	MM 	size	A2	scale	1:1
eng	Wei-Long Zhang	2012/08/28			ecn no	ELX-DG-012696-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/08/28	product family					
	title	STD VERT REC UNIVERSAL HIGH POWER CARD EDGE			dwg no	10121506		rev
		www.fci.com	cat. no.	Product - Customer Drw			sheet 2 of 4	



dr	Wei-Long Zhang	2012/07/05			size	A2	scale	1:1
eng	Wei-Long Zhang	2012/08/28			ecn no	ELX-DG-012696-1		
chr	-	-				rel level	Released	
appr	Pei-Ming Zheng	2012/08/28	product family			dwg no	10121506	rev
			title			B		
STD VERT REC UNIVERSAL			HIGH POWER CARD EDGE					
www.fci.com		cat. no.	Product - Customer Drw				sheet 3 of 4	



DIM	TABLE 2. LENGTH FORMULAS.
DIM A (13)	(MM/8)X10.16+ (NN/4)X5.08 + (PP/2)X1.27 + 9.12
DIM B	DIM "A" - 5.00
DIM C	DIM "A" - 2.34
DIM D	DIM "A" - 4.04
DIM E	DIM "A" - 5.30
DIM F (14)	(MM/8-1)X10.16 + (NN/4-1)X5.08 + 13.34 (WITH 4 BEAM CONTACT) ^A 3.18 (WITHOUT 4 BEAM CONTACT)



EXAMPLE: 10121506-241232BLF

TABLE 3. PART NUMBER CODE. HPCE STD VERT REC P+S CONFIG

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 2.40 +/- 0.1 FOR PRESS-FIT TAILS
Ø 2.18 +/- 0.03 FOR SOLDER TAILS
11. PRESS FIT APPLICATION TOOL DRAWING : 10119453.
12. STB= SOLDER TO BOARD, 1.57-2.38mm PCB THICKNESS.
PF = PRESS FIT, 1.57mm MINIMUM PCB THICKNESS.
13. MAXIMUM OVERALL LENGTH IS 100mm.

14. DIM IS NOT APPLICABLE IF NO 4 BEAM CONTACT OR 2 BEAM CONTACT.
15. A ^ASYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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dr	Wei-Long Zhang	2012/07/05	projection	MM	size	A2	scale	1:1
eng	Wei-Long Zhang	2012/08/28		←→	ecn no	ELX-DG-012696-1	rel level	Released
chr	-	-						
appr	Pei-Ming Zheng	2012/08/28	product family		dwg no	10121506	rev	B
www.fci.com			cat. no.	Product - Customer Drw	sheet 4 of 4			