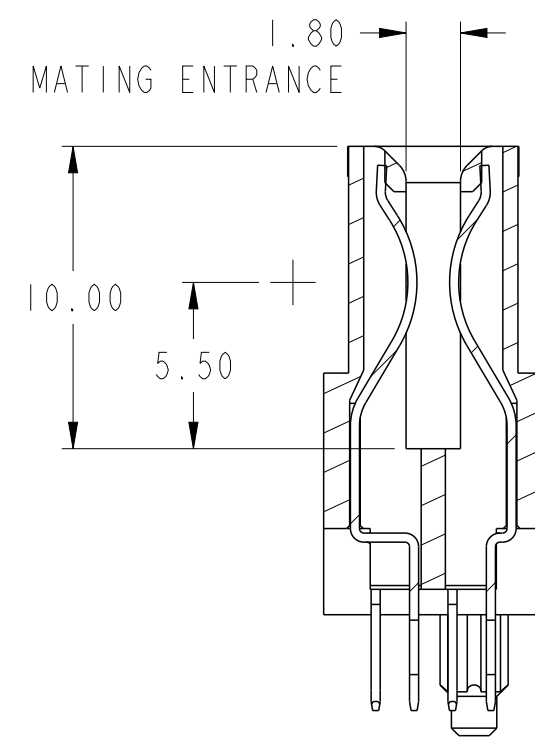






SECTION A-A  
SCALE 4:1



SECTION B-B

REV	ECN NO.	DR	DATE
A	---	ERIC	2013-09-04

spec ref -		dr Eric Jiang		2013/01/10		projection 	MM 	size A2	scale 1:1
tolerance std ISO 406 ISO 1101		eng Eric Jiang		2013/09/05				ecn no -	rel level Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -		-				product family	
		appr Pei-Ming Zheng		2013/09/05					
surface 	linear	0.X	±0.5		title	VERT RECT(20P+14S) HIGH POWER CARD EDGE		dwg no 10123957	rev A
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°						

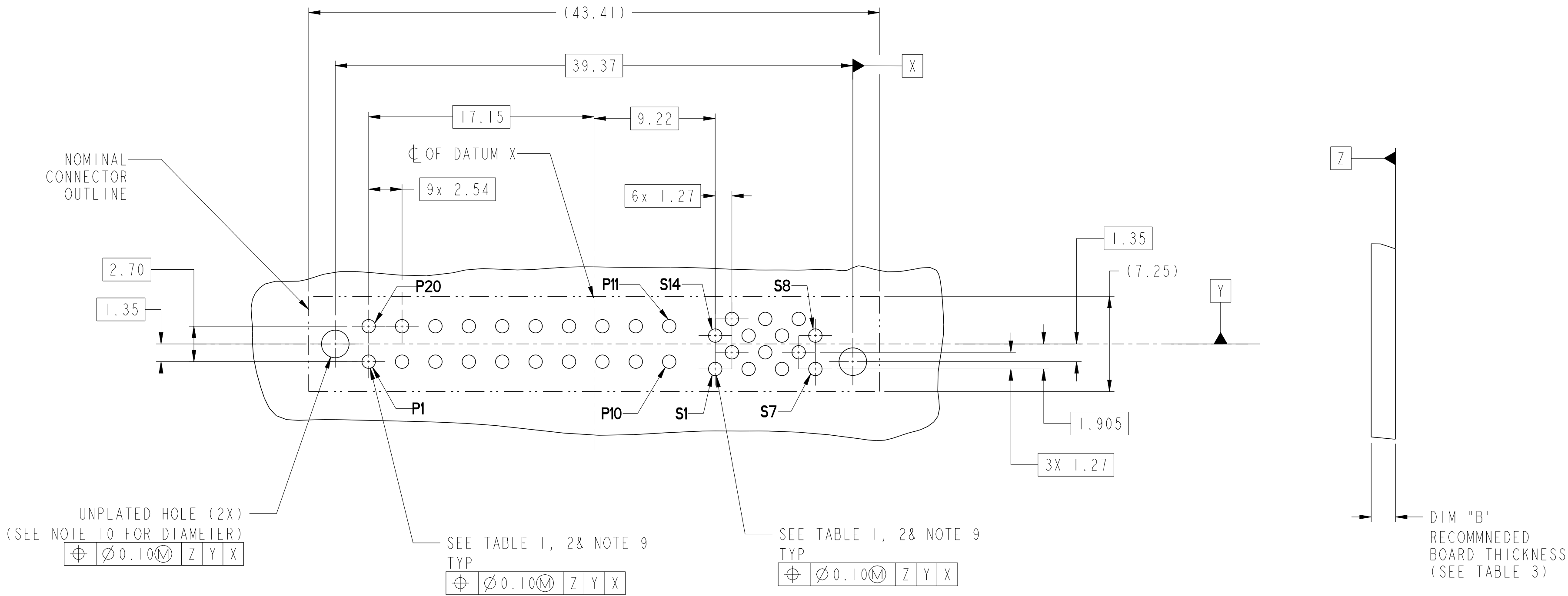
PDS: Rev :A

STATUS:Released

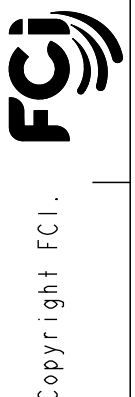
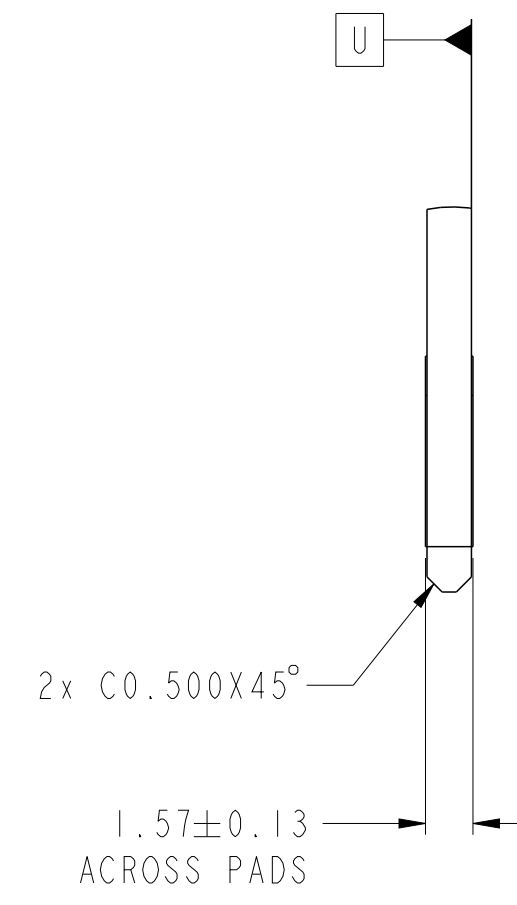
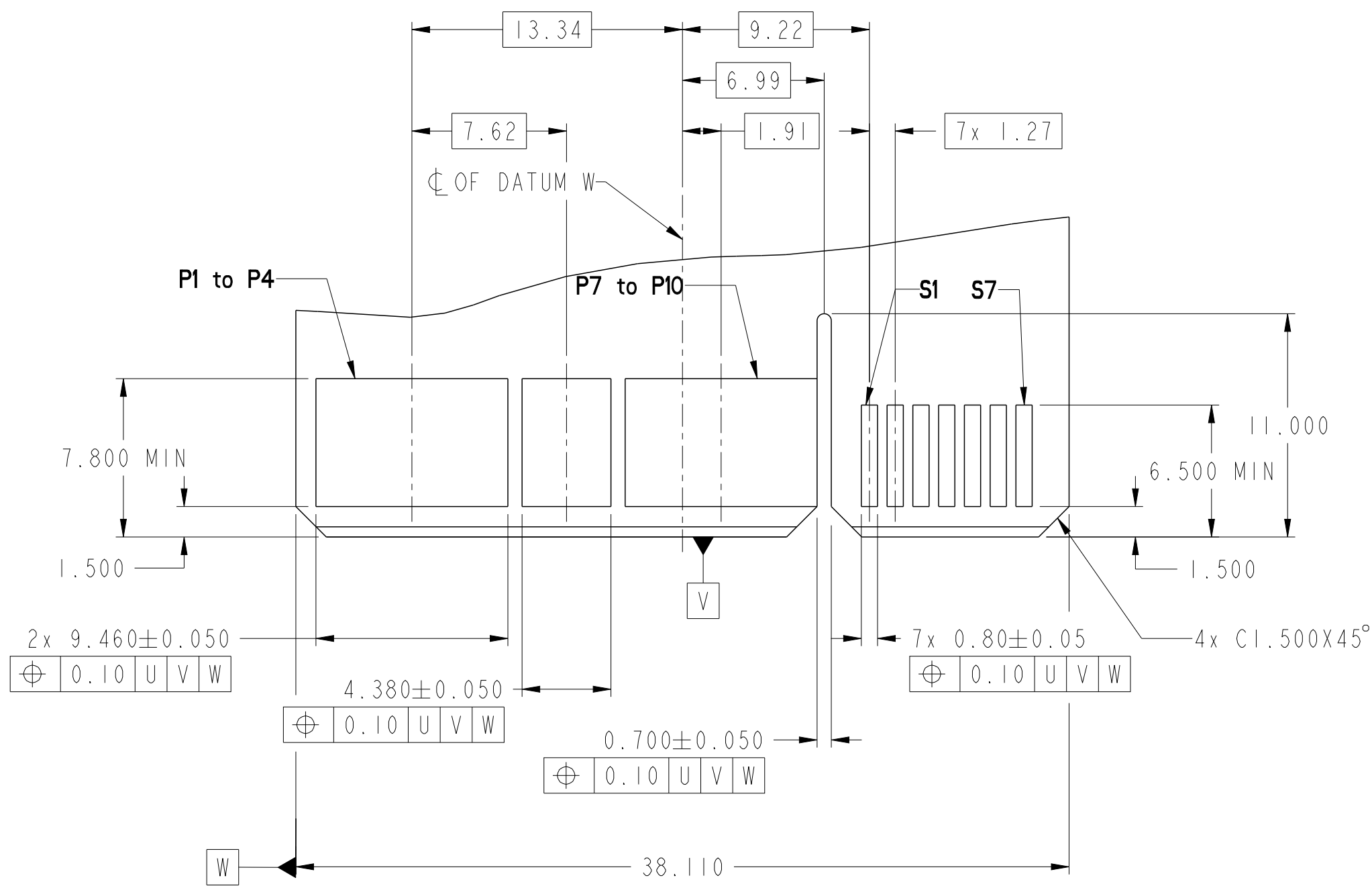
Printed: Sep 10, 2013

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



spec ref	-	dr	Eric Jiang	2013/01/10	projection	MM	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Eric Jiang	2013/09/05	chr	-	ecn no	-	rel level	Released
surface	ISO 1302	appr	Pei-Ming Zheng	2013/09/05	product family	VERT RECT(20P+14S) HIGH POWER CARD EDGE	cat. no.	10123957	rev	A
		TOLERANCES UNLESS OTHERWISE SPECIFIED								
		linear	0.X	±0.5						
			0.XX	±0.25						
			0.XXX	±0.10						
		angular	0°	±2°						
		www.fci.com		Product - Customer Drw		sheet 2 of 4				



spec ref	-	dr	Eric Jiang	2013/01/10	projection	MM	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Eric Jiang	2013/09/05	chr	-	ecn no	-	rel level	Released
surface	ISO 1302	appr	Pei-Ming Zheng	2013/09/05	product family	VERT RECT(20P+14S) HIGH POWER CARD EDGE	cat. no.	10123957	sheet 3 of 4	rev
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	angular	0° ±2°	www.fci.com	Product - Customer Drw					A

1	2	3	4	5	6	7	8
HPCE PART NUMBER (TABLE 3)							
PART NUMBER	TAIL TYPE	POLARIZATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS			
10123957-001LF	SOLDER	YES	3.17 ±0.25	1.59 - 2.38			
10123957-002LF	SOLDER	NO					
10123957-003LF	PRESS-FIT	YES	3.17 ±0.25	1.57 MIN			
10123957-004LF	PRESS-FIT	NO					
<div>NOTES:</div> <div>1. CONNECTOR MATERIALS:<div>HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK UL 94V-0 COMPLIANT</div><div>CONTACTS: HIGH PERFORMANCE COPPER ALLOY.</div></div> <div>2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.</div> <div>3. PRODUCT SPECIFICATION: GS-12-604.</div> <div>4. APPLICATION SPECIFICATION: GS-20-128.</div> <div>5. PRODUCT MARKING (FCI - PART NUMBER &amp; DATE CODE) ON HOUSING IN AREA SHOWN.</div> <div>6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.</div> <div>7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.</div> <div>8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.</div> <div>9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.</div> <div>10. MOUNTING HOLES ARE UNPLATED Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS Ø 2.18 +/- 0.03 FOR SOLDER TAILS</div> <div>11. PRESS FIT APPLICATION TOOL DRAWING : 10119453.</div>							
<div><div><div><div><div>spec ref</div><div>-</div></div><div><div>tolerance std</div><div>ISO 406</div><div>ISO 1101</div></div></div><div><div>TOLERANCES UNLESS OTHERWISE SPECIFIED</div></div><div><div>surface</div><div>ISO 1302</div></div></div><div><div>linear</div><div>0.X</div><div>±0.5</div></div><div><div>0.XX</div><div>±0.25</div></div><div><div>0.XXX</div><div>±0.10</div></div><div><div>angular</div><div>0°</div><div>±2°</div></div></div> <div><div>dr</div><div>Eric Jiang</div><div>2013/01/10</div></div> <div><div>eng</div><div>Eric Jiang</div><div>2013/09/05</div></div> <div><div>chr</div><div>-</div><div>-</div></div> <div><div>appr</div><div>Pei-Ming Zheng</div><div>2013/09/05</div></div> <div><div>projection</div><div><div><div><div><div></div><div></div></div><div></div></div></div><div>MM</div></div></div> <div><div>size</div><div>A2</div></div> <div><div>scale</div><div>1:1</div></div> <div><div>ecn no</div><div>-</div></div> <div><div>rel level</div><div>Released</div></div> <div><div>product family</div><div></div></div> <div><div>title</div><div>VERT RECT(20P+14S)</div><div>HIGH POWER CARD EDGE</div></div> <div><div>cat. no.</div><div></div></div> <div><div>Product - Customer Drw</div></div> <div><div>sheet 4 of 4</div></div> <div><div>rev</div><div>A</div></div>							
1	2	3	4	5	PDS: Rev :A	STATUS:Released	Printed: Sep 10, 2013