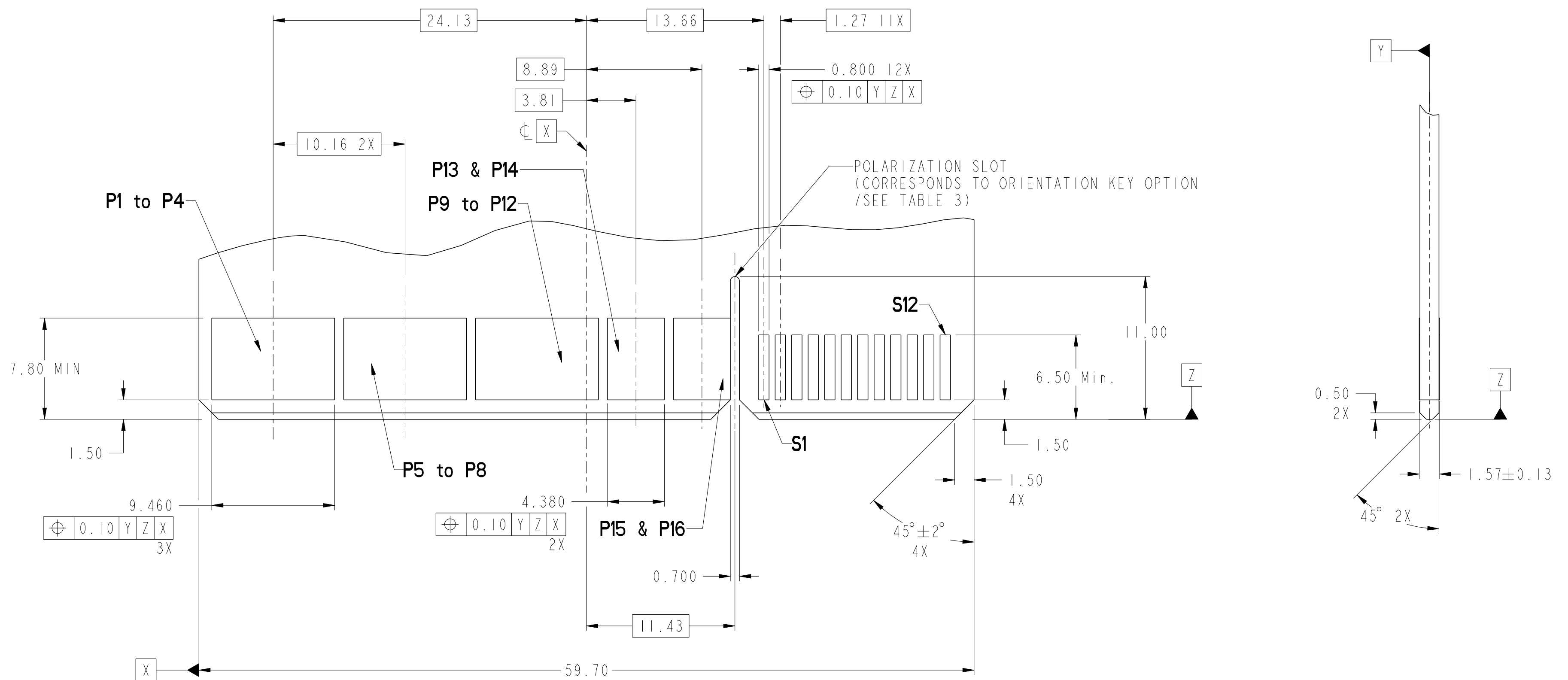





1	2	3	4	5	6	7	8
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS					
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER	
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 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

RECOMMENDED MATING BOARD FOOTPRINT



dr	Marty Glass	2010/08/10			size	A2	scale	4:1
eng	Wei-Long Zhang	2011/09/19			ecn no	ELX-DG-00660-1		
chr	Jon Qin	2011/09/19	product family	HPCE	rel level	Released		
appr	Pei-Ming Zheng	2011/09/19						
			title		VERT RECT (32P-24S)		rev	
			HIGH POWER CARD EDGE		10115772		B	
www.fci.com			cat. no.		-		Product - Customer Drw	
							sheet 3 of 4	

1	2	3	4	5	6	7	8
HPCE PART NUMBER (TABLE 3)							
PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS			
10115772-001LF	SOLDER	YES	3.17 ±0.25	1.59 - 2.38			
10115772-002LF	SOLDER	NO					
10115772-003	PRESS-FIT	YES	3.17 ±0.25	1.57 MIN			
10115772-003LF	PRESS-FIT	YES					
10115772-004	PRESS-FIT	NO					
10115772-004LF	PRESS-FIT	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 (PRODUCT NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.

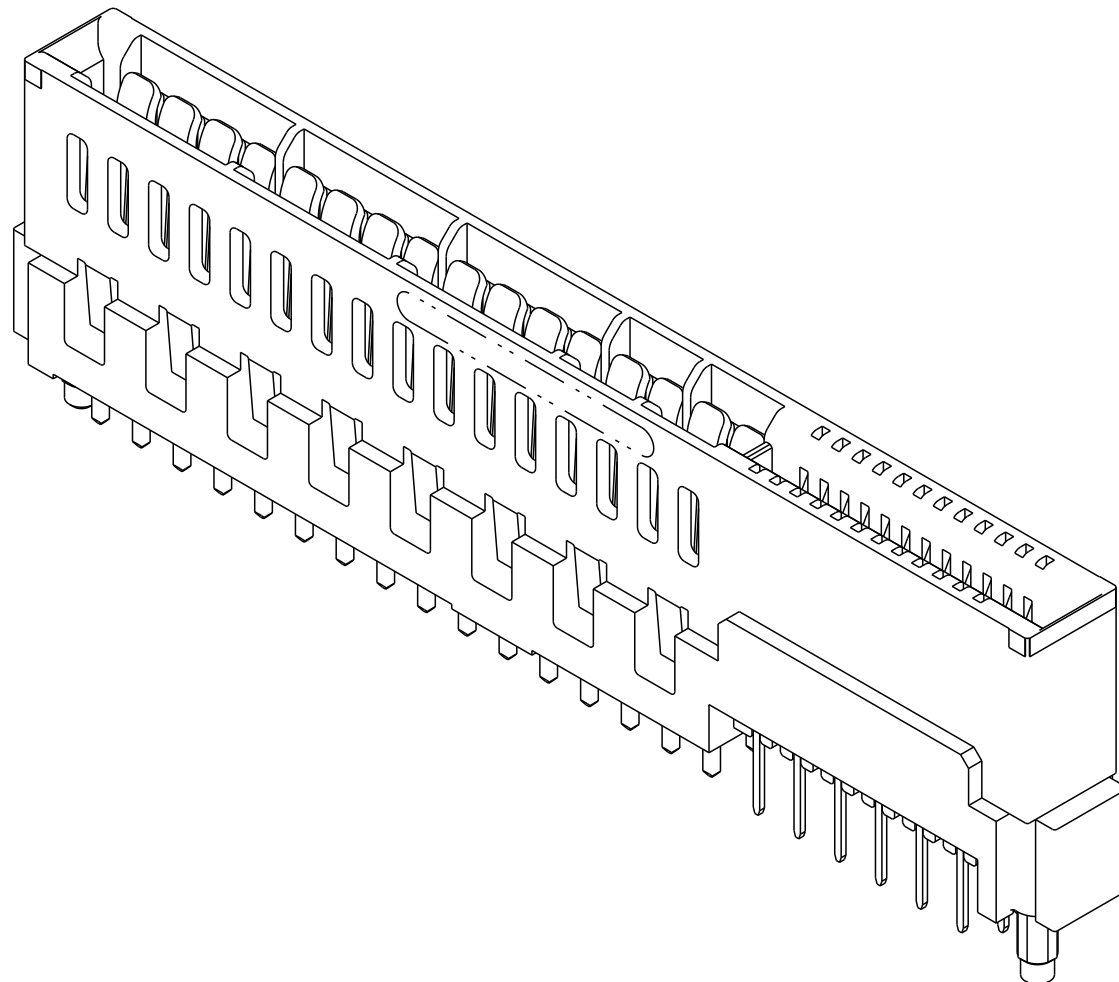
6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

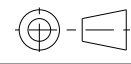

7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

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 2.10 +/- 0.1 FOR SOLDER TAILS



dr	Marty Glass	2010/08/10		MM	size	A2	scale	4:1	
eng	Wei-Long Zhang	2011/09/19			ecn no	ELX-DG-006060-1			
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			product family		HPCE		rel level	Released	
		title			VERT RECT (32P-24S)		dwg no	10115772	
www.fci.com					HIGH POWER CARD EDGE				
		cat. no.		-	Product - Customer Drw			sheet 4 of 4	
PDS: Rev :B				STATUS:Released		Printed: Sep 19, 2011			