

A

B

C

D

A

B

C

D

5

5

SEE DETAIL K

NOMINAL CONNECTOR OUTLINE

ROW B

ROW A

2.54

1.27

UNPLATED HOLE (2X)
(SEE NOTE 10 FOR DIAMETER)

P1

SEE TABLE I, NOTE 9 (48X)

0.10 **Z Y X**

BOARD EDGE

84.32

P26

P27

S1

S11

S22

SI2

15.57

2.54 5X

SEE TABLE I, NOTE 9 (12X)

0.10 **Z Y X**

ROW F

ROW D

2.54

**RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE**

DETAIL
SCALE

spec ref	-	dr	WL ZHANG	2011-07-21	projection	MM	size	A2	scale	4:1
tolerance std	-	eng	WL ZHANG	2011-07-21			ecn no			
-	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	JON QIN	2011-07-21						
ASME Y14.5		oppn	PM ZHENG	2011-07-22	product family	HPCE	rel level	Released		
surface	✓	linear	0.X	±0.3			no			rev
			0.XX	±0.10	R/A RECT (52P-22S)		go			
			0.XXX	±0.050	HIGH POWER CARD EDGE		no			
ASME Y14.5	angular		0°		www.fcl.com	cat. no.	Product	Customer Drw		sheet 2 of 4

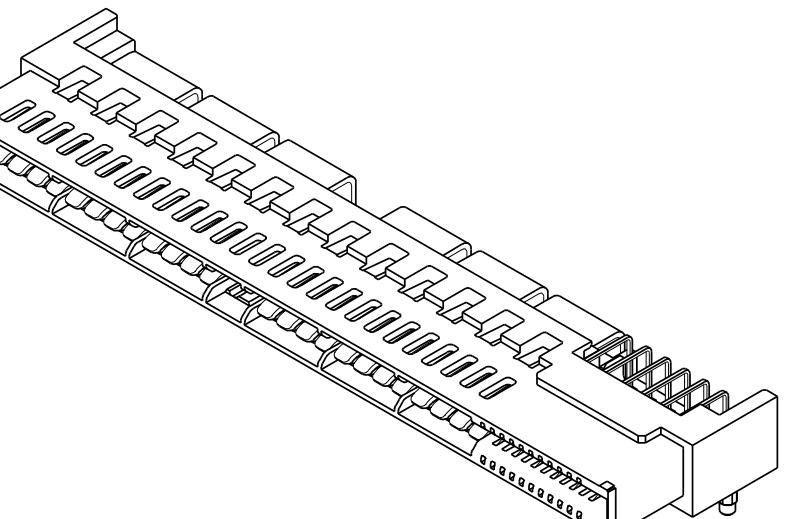
1	2	3	4	5	6	7	8																																																																																										
A	CONTACT TYPE TOP LAYER DESCRIPTION	TABLE I (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS					A																																																																																										
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER																																																																																											
		TIN-LEAD 1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10																																																																																											
POWER & SIGNAL IMMERSION TIN	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.94 - 1.10	B																																																																																											
COPPER (SEE NOTE 8)	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10	C																																																																																											
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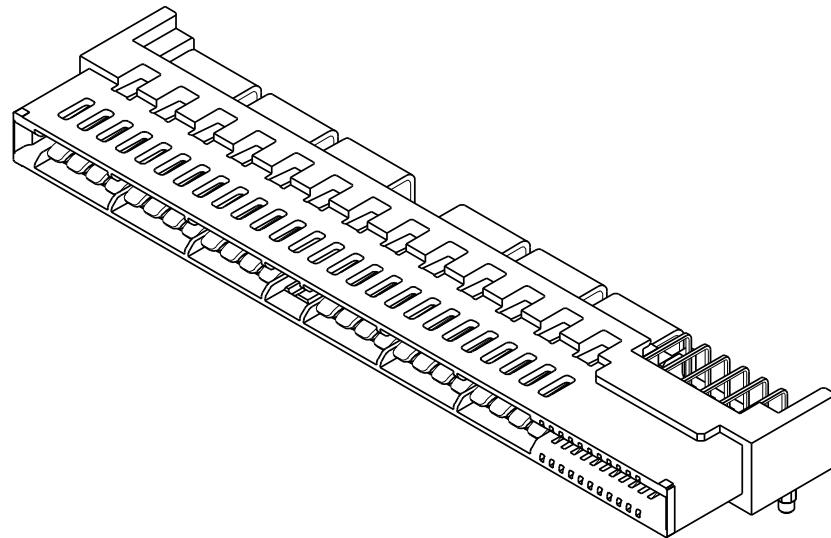


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REFERENCE PANDEMOMIUM POWER SUPPLY BOARD

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ASME Y14.5		appr	PM ZHENG	2011-07-22	product family	HPCE	Released			
surface	✓		0.X	±0.3						
		linear	0.XX	±0.10						
			0.XXXX	±0.05						
ASME Y14.5	angular		0°	±2°	R/A RECT (52P-22S)	sg	10111743	rev		
					HIGH POWER CARD EDGE	5				
					www.fcicom	cat. no.	Product - Customer Drw	sheet 3 of 4		

1	2	3	4	5	6	7	8																																																		
HPCE PART NUMBER (TABLE 2)																																																									
A	PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TAIL LENGTH ± 0.25	DIM "B" MATING LENGTH																																																			
	10111743-008LF	SOLDER TAIL	YES	NO	3.35	(4.58)																																																			
	10111743-009LF	SOLDER TAIL	YES	NO	3.25	(3.88)																																																			
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C																																																									
D	 <p>NOTES:</p> <ol style="list-style-type: none"> CONNECTOR MATERIALS: <ul style="list-style-type: none"> HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK UL 94V-0 COMPLIANT CONTACTS: HIGH PERFORMANCE COPPER ALLOY. CONTACT FINISH REF. GS-12-604 SECTION 5.2. PRODUCT SPECIFICATION: GS-12-604. APPLICATION SPECIFICATION: GS-20-128. PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN. PACKAGING MEETS FCI SPECIFICATION GS-14-937. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS. ALL HOLE SIZES ARE FINISHED HOLE SIZES. MOUNTING HOLES ARE UNPLATED $\phi 2.10 \pm 0.1$ FOR SOLDER TAILS 																																																								
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 1. HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
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 2. CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
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9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
10. MOUNTING HOLES ARE UNPLATED
Ø 2.10 +/- 0.1 FOR SOLDER TAILS

spec ref	-	dr	WL ZHANG	2011-07-21	projection	MM	size	A2	scale	4:1
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					HIGH POWER CARD EDGE					
					www.fcj.com	col. no.	Product - Customer Drw			sheet 4 of 4

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