

Excellent Integrated System Limited

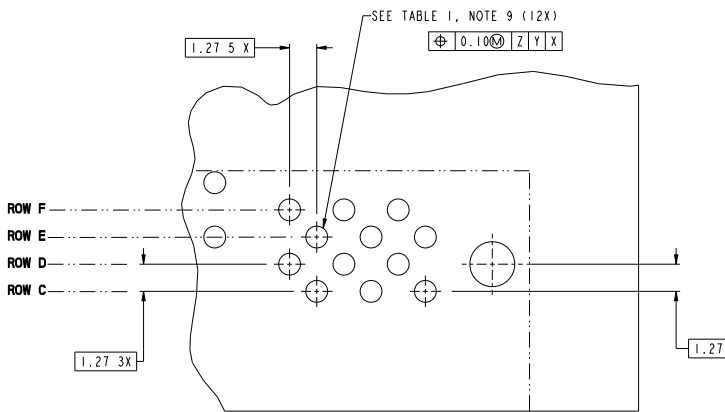
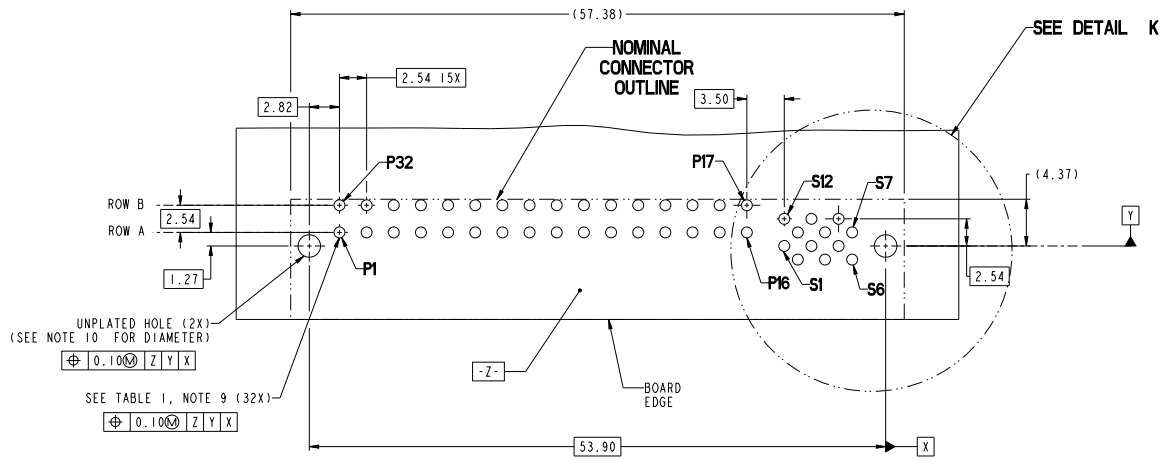
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10119977-004LF](#)

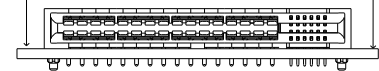
For any questions, you can email us directly:

sales@integrated-circuit.com



DETAIL K
SCALE 8:1

RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE



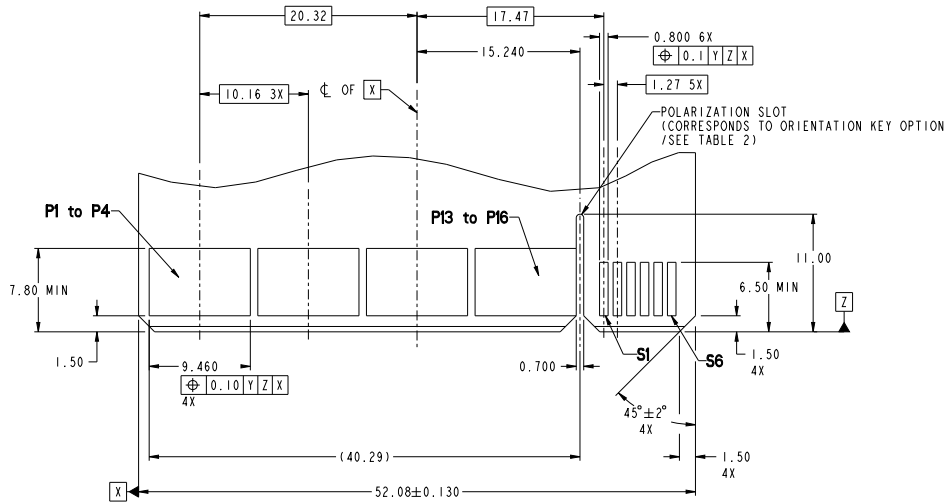
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eng:	Wen-Liang Zhang	20120917			acc no			
chr:					rel level			
appr:	Wen-Liang Zhang	20120917	product family	HPCE			Released	
www.fci.com	RIGHT ANGLE 32P 12S		10119977		rev			
	HIGH POWER CARD EDGE				A			
	col. no.		Product - Customer Drw		sheet 2 of 4			

PDS: 6 rev :A

STATUS: Released

Printed: 2011, 2012

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 MATING BOARD FOOTPRINT

dr:	Wen-Liang Zhang	20120317	projection	MM	size	A2	scale	
eng:	Wen-Liang Zhang	20120317			acc no			
chr:	Wen-Liang Zhang	20120317			rel level			
appr:	Wen-Liang Zhang	20120317	product family	HPCE				
FCI			RIGHT ANGLE 32P 12S			10119977		rev
www.fci.com			HIGH POWER CARD EDGE			A		
col. no.			Product - Customer Drw			sheet 3 of 4		

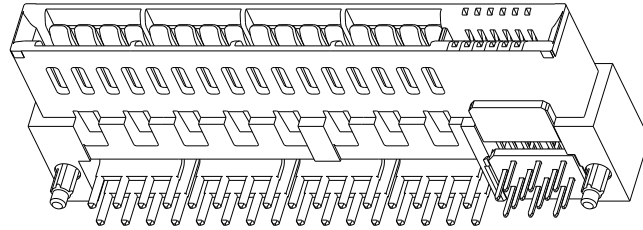
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HPCE PART NUMBER (TABLE 2)

10117877	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DTM "A" TYPICAL TAIL LENGTH
10119977-001LF	SOLDER TAIL	NO	YES	3.25±0.50
10119977-002LF			NO	
10119977-003LF		YES	YES	
10119977-004LF			NO	



NOTES:

- CONNECTOR MATERIALS:
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
Ø 2.25 +/- 0.05 FOR SOLDER TAILS

dr:	Wen-Liang Zhang	20120823	projection	MM	size	A2	scale	
eng:	Wen-Liang Zhang	20120823			acc no			
chr:					rel level			
appr:	Wen-Liang Zhang	20120823	product family	HPCE			Released	
www.fci.com	RIGHT ANGLE 32P 12S		10119977		A			
	RIGHT POWER CARD EDGE							
	cat. no.		Product	Customer Drw	sheet 4 of 4			

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STATUS: Released

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