

## Excellent Integrated System Limited

Stocking Distributor

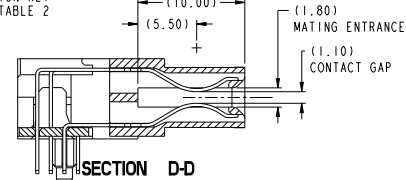
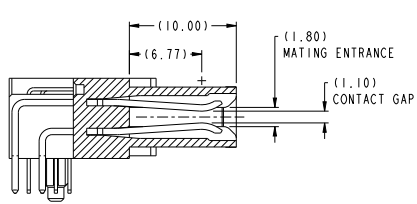
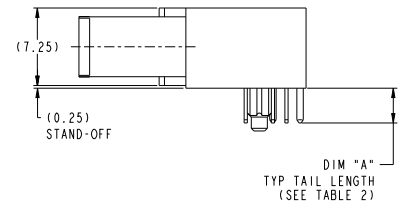
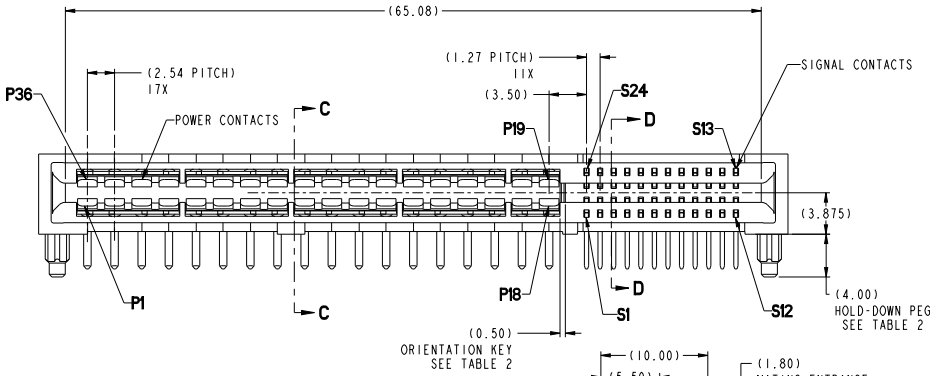
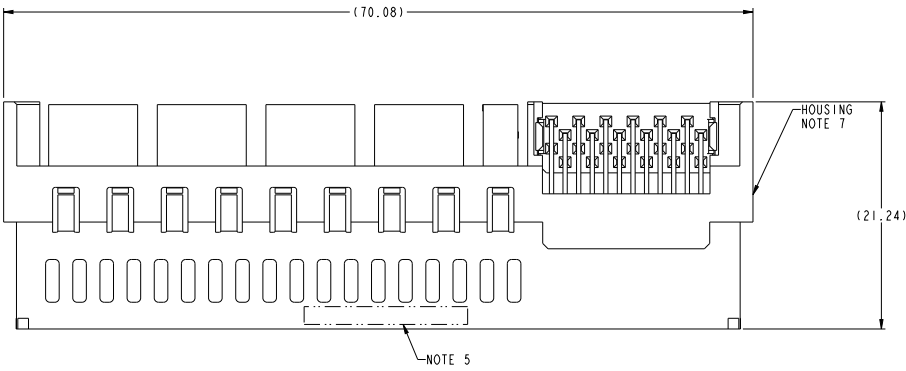
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)

[10115859-003LF](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



SECTION C-C

SECTION D-D

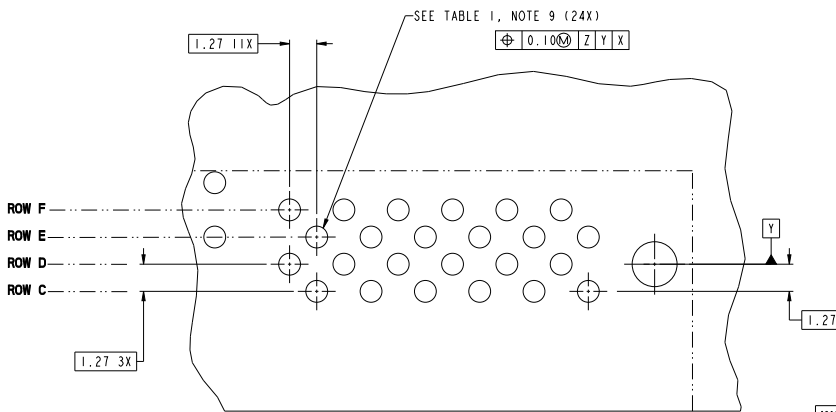
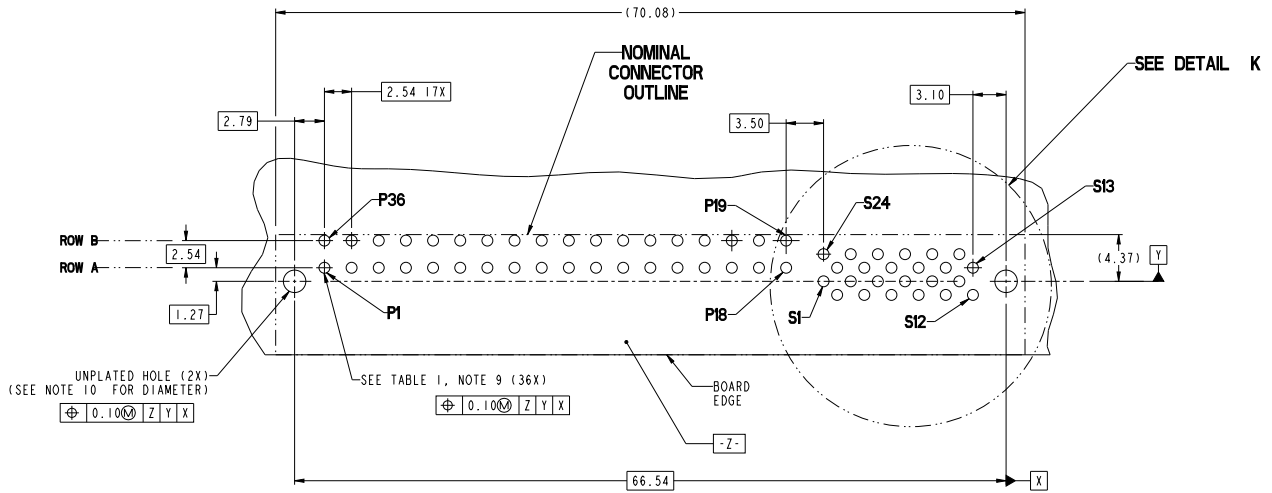
spec ref	dr	proj	MM	size	A2	scale	2:1
tolerance std	ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		product family	HPCE	rel level	Released
surface	linear	0.1	±0.3	R/A RECT (36P-24S)		10115859	rev
		0.2X	±0.10	HIGH POWER CARD EDGE			D
	angular	0°	±0.050	Product - Customer Draw		sheet 1 of 4	

PDS: Rev:D

STATUS: Released

Printed: 06, 2014

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**DETAIL K**  
**SCALE 8:1**

**RECOMMENDED PCB LAYOUT**  
**VIEWED FROM CONNECTOR SIDE**

spec ref	dr	proj	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	projection	MM	size	A2	scale
surf	linear	0.1 ±0.3	0.2X ±0.10	0.25X ±0.050	deg	deg	deg
ASME Y14.5	angular	0°	±0°				
www.fcicon.com		FCI		R/A RECT (36P-24S)		10115859	
cat. no.		Product		Customer Draw		sheet 2 of 4	

PDS: Rev:D

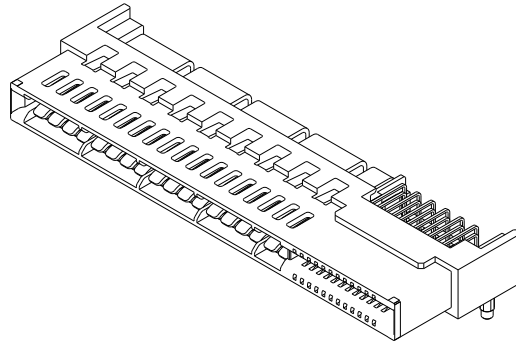
STATUS: Released

Printed: 06/06/2014



HPCE PART NUMBER (TABLE 2)

PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	
10115859-001LF	SOLDER TAIL	NO	YES	3.25±0.25	
10115859-002LF			NO		
10115859-003LF		YES	YES		
10115859-004LF			NO		
10115859-005LF		NO	YES		4.05±0.25
10115859-006LF			NO		
10115859-007LF		YES	YES		
10115859-008LF			NO		
10115859-009LF		NO	YES	4.85±0.25	
10115859-010LF			NO		
10115859-011LF		YES	YES		
10115859-012LF			NO		
10115859-013LF $\Delta$	NO	YES	YES		2.60±0.25
10115859-014LF $\Delta$			NO		
10115859-015LF $\Delta$		YES	YES		
10115859-016LF $\Delta$			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 (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  
 $\varnothing 2.10 \pm 0.1$  FOR SOLDER TAILS
11.  $\Delta$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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spec ref	-	dr	Chen Binbin	date	20160607	projection	MM	size	A2	scale	2:1
tolerance std	ASME Y14.5	eng	WangJun	checked		product family	HPCE	rel level	Released	rev	
surface	linear	0.1	±0.3	0.2X	±0.10	0.25X	±0.050	FCI	R/A RECT (36P-24S)	10115859	D
ASME Y14.5	angular	0°	±0°	www.fci.com cat. no.		Product - Customer Draw		sheet 4 of 4			

PDS: 6rev :D

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