Excellent Integrated System Limited

Stocking Distributor

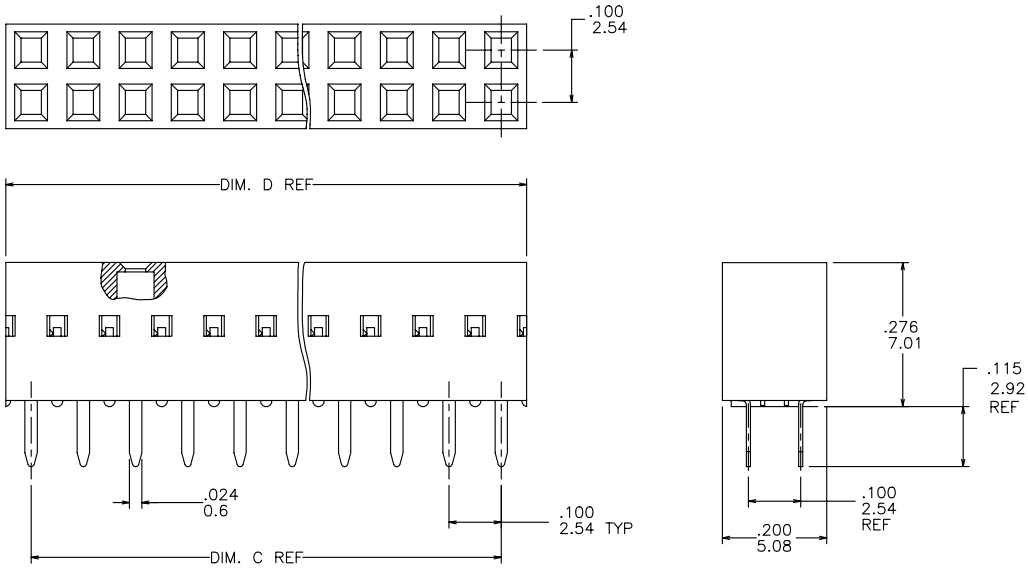
Click to view price, real time Inventory, Delivery & Lifecycle Information:

FCI
10127805-810LF

For any questions, you can email us directly:
sales@integrated-circuit.com

PRODUCT NO.
SEE TABLE

10127805 – XXX LF
- LF: LEAD FREE OPTION
- XXX: NO. OF POSITIONS PER ROW
- XX: PLATING CODE
- 10127805: BASE PART NUMBER



mat'l. code	surface	tolerance	projection	product family
–	ISO 1302	ISO 406 ISO 1101		DUBOX

tolerances unless otherwise specified: angles 0°±2°; linear .XX±.01/.X±0.3; .XXX±.008/.XX±0.20; .XXXX±.0040/.XXX±0.10

ltr	ecn no	dr	date
A	NEW	ZK	10/25/13

dr	ZK HU	10/25/13
engr	ZK HU	10/25/13
chr	RICK BIAN	10/25/13
appd	RICK BIAN	10/25/13

title: DUBOX DBL. ROW VERT. CARD CONN. ASS'Y

INCH/MM

scale 2:1

dwg no 10127805 sheet 1 of 3 size A3

type Product Customer Drawing

sheet index	revision	A	A	A	A
	sheet	1	2	3	4

form A3

PDS: Rev :A STATUS: Released Printed: Jul 01, 2014

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Distributor of FCI: Excellent Integrated System Limited
Datasheet of 10127805-810LF - MINITEK PWR HEADER
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

PRODUCT NO NOTE 8	PLATING CONTACT AREA	PLATING SOLDER TAIL
10127805-8XXLF	30u"/.76u Au MIN OVER 50u"/1.27u Ni MIN	100µ"/160µ" 2.54µ/4.06µ SN

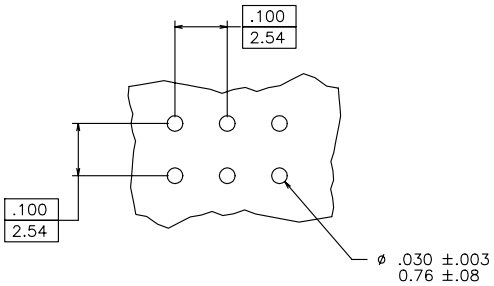

FIGURE A

NOTES:

1. MATERIAL TERMINAL: COPPER ALLOY
2. RECOMMENDED APPLICATION DATA:
   A. RECOMMENDED HOLE PATTERN IS SHOWN IN FIGURE A.
   B. ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACINGS WITHIN .015/.38 DIA.
   C. SUGGESTED MATING PIN LENGTH .210±.020/5.33±.51
   D. RECOMMENDED PC BOARD THICKNESS: .062/1.58
3. MATERIAL HOUSING HIGH TEMPERATURE THERMAL PLASTIC, COLOR BLACK, FLAME RETARDENT PER UL 94V-0 THIS PART WILL WITHSTAND EXPOSURES TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
4. FCI, FCI FINAL PART NUMBER AND DATE CODE TO BE MARKED ON TUBE LABEL.
5. PREPLATED, STAMPED TERMINALS.
6. PART NUMBER WITH SUFFIX "U" IS FOR SAWING PURPOSES ONLY.
7. STANDARD TUBE PACKAGE.
8. ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
9. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
10. PRODUCT SPEC: BUS-12-055

mat'l. code –	surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family DUBOX	
ltr ecn no dr date	tolerances unless otherwise specified			title	
A	angles 0°±2°	linear .XX±.01/.X±0.3 .XXX±.008/.XX±0.20 .XXXX±.0040/.XXX±0.10	INCH/MM scale 2:1	DUBOX DBL. ROW VERT. CARD CONN. ASS'Y	
	dr	ZK HU	10/25/13	dwg no 10127805	sheet 2 of 3 size A3
	engr	ZK HU	10/25/13		
	chr	RICK BIAN	10/25/13		
	appd	RICK BIAN	10/25/13	type Product Customer Drawing	
sheet index	revision sheet				

form: A3

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PRODUCT NUMBER	NO. OF POSITION	C DIM	D DIM	LF OPTION
10127805-Y02	2 X 2	.100/2.54	.217/5.51	NOTE 8
-Y03	2 X 3	.200/5.08	.317/8.05	
-Y04	2 X 4	.300/7.62	.417/10.59	
-Y05	2 X 5	.400/10.16	.517/13.13	
-Y06	2 X 6	.500/12.70	.617/15.67	
-Y07	2 X 7	.600/15.24	.717/18.21	
-Y08	2 X 8	.700/17.78	.817/20.75	
-Y09	2 X 9	.800/20.32	.917/23.29	
-Y10	2 X 10	.900/22.86	1.017/25.83	
-Y11	2 X 11	1.000/25.40	1.117/28.37	
-Y12	2 X 12	1.100/27.94	1.217/30.91	
-Y13	2 X 13	1.200/30.48	1.317/33.45	
-Y14	2 X 14	1.300/33.02	1.417/35.99	
-Y15	2 X 15	1.400/35.56	1.517/38.53	
-Y16	2 X 16	1.500/38.10	1.617/41.07	
-Y17	2 X 17	1.600/40.64	1.717/43.61	
-Y18	2 X 18	1.700/43.18	1.817/46.15	
-Y19	2 X 19	1.800/45.72	1.917/48.69	
-Y20	2 X 20	1.900/48.26	2.017/51.23	
-Y21	2 X 21	2.000/50.80	2.117/53.77	
-Y22	2 X 22	2.100/53.34	2.217/56.31	
-Y23	2 X 23	2.200/55.88	2.317/58.85	
-Y24	2 X 24	2.300/58.42	2.417/61.39	
10127805-Y25	2 X 25	2.400/60.96	2.517/63.93	

PRODUCT NUMBER	NO. OF POSITION	C DIM	D DIM	LF OPTION
10127805-Y26	2 X 26	2.500/63.50	2.617/66.47	NOTE 8
-Y27	2 X 27	2.600/66.04	2.717/69.01	
-Y28	2 X 28	2.700/68.58	2.817/71.55	
-Y29	2 X 29	2.800/71.12	2.917/74.09	
-Y30	2 X 30	2.900/73.66	3.017/76.63	
-Y31	2 X 31	3.000/76.20	3.117/79.17	
-Y32	2 X 32	3.100/78.74	3.217/81.71	
-Y33	2 X 33	3.200/81.28	3.317/84.25	
-Y34	2 X 34	3.300/83.82	3.417/86.79	
-Y35	2 X 35	3.400/86.36	3.517/89.33	
-Y36	2 X 36	3.500/88.90	3.617/91.87	
-Y37	2 X 37	3.600/91.44	3.717/94.41	
-Y38	2 X 38	3.700/93.98	3.817/96.95	
-Y39	2 X 39	3.800/96.52	3.917/99.49	
-Y40	2 X 40	3.900/99.06	4.017/102.03	
-Y41	2 X 41	4.000/101.60	4.117/104.57	
-Y42	2 X 42	4.100/104.14	4.217/107.11	
-Y43	2 X 43	4.200/106.68	4.317/109.65	
-Y44	2 X 44	4.300/109.22	4.417/112.19	
-Y45	2 X 45	4.400/111.76	4.517/114.73	
-Y46	2 X 46	4.500/114.30	4.617/117.27	
-Y47	2 X 47	4.600/116.84	4.717/119.81	
-Y48	2 X 48	4.700/119.38	4.817/122.35	
-Y49	2 X 49	4.800/121.92	4.917/124.89	
10127805-Y50	2 X 50	4.900/124.46	5.017/127.43	

mat'l. code –	surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family DUBOX	
ltr ecn nodr date	tolerances unless otherwise specified			title	
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