



**Distributor of FCI: Excellent Integrated System Limited**

Datasheet of 68768-022LF - Connector Receptacle 44 Position 0.100" (2.54mm) Gold Through Hole

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## **Excellent Integrated System Limited**

Stocking Distributor

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

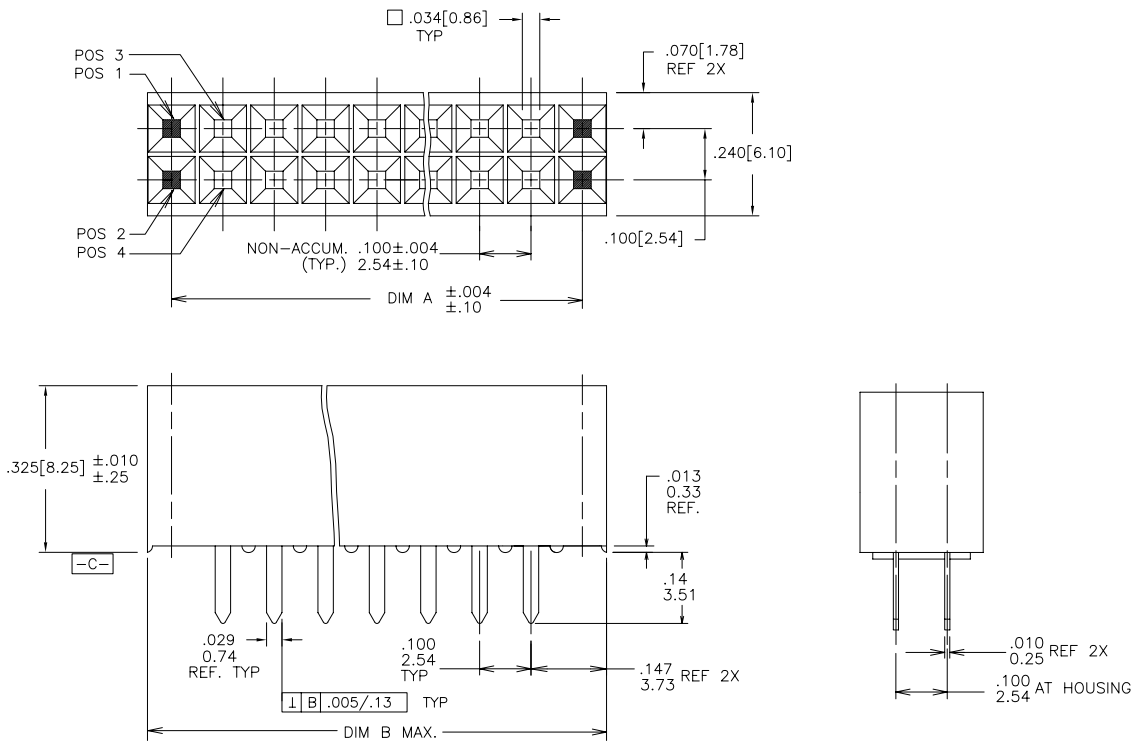
[FCI](#)

[68768-022LF](#)

For any questions, you can email us directly:

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

PRODUCT NO.  
SEE TABLE



mat'l. code		surface	tolerance	projection	product family
		ISO 1302	ISO 406	ISO 1101	CARD CONN
ltr	ecr no	dr	date	tolerances unless otherwise specified	title
D	V02101	JGS	1/8/91	angles	VERT. CARD CONN. .100/2.54 DBL
E	V70493	SAR	4/22/97	linear	ROW SELECT LOAD $30\mu"/.76\mu$ Au
F	V70792	JM	11/15/97	0°±2'	dwg no
G	M05-0216	ERE	10/11/05	dr	J. SHREINER 1/8/91
H	M06-0210	MHT	6/03/06	enrg	M.HAHN 1/8/91
J	M07-0143	ERE	03/03/07	chr	M.HAHN 1/8/91
		appd	M.HAHN	1/8/91	sheet 1 of 4 size
		sheet	revision	J J J J	68768
		index	sheet	1 2 3 4	A3
					type Product Customer Drawing

PRODUCT NO.  
SEE TABLE

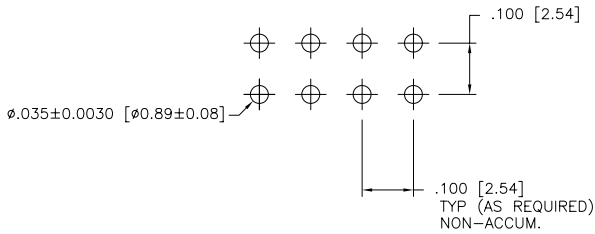


FIG. D

NOTES:

- ① HOUSING MATERIAL: FILLED POLYESTER, FLAME RETARDANT PER UL 94V-0. COLOR: BLACK
- ② TERMINAL MATERIAL:  
BODY: BRASS  
SPRING: BeCu HEAT TREATED  
BODY PLATING: 30u"/0.76u Au over  
50u"/1.27u Ni IN CONTACT AREA  
100u"/2.54u Sn (NOTE 8) over  
50u"/1.27u Ni ON SOLDER TAIL.  
SPRING PLATING: GOLD FLASH
3. MARKING: FCI PART NUMBER AND DATE CODE LEGIBLE ON TUBE LABEL.
4. APPLICATION INFORMATION:  
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN IN "FIG. D"  
B. ALL MATING PINS TO BE .025/0.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACINGS WITHIN .015/0.38 DIA.  
C. SUGGESTED MATING PIN LENGTH .210±.020 / 5.33±.51.
- ⑤ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑥ THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
7. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
- ⑧ "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

mat'l. code		surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family CARD CONN
ltr	ecr	no	dr	date	title
J					VERT. CARD CONN. .100/2.54 DBL
					ROW SELECT LOAD 30u"/.76u Au
					dwg no sheet 2 of 4 size
					68768 A3
					type Product Customer Drawing
sheet	revision				
index	sheet				

PRODUCT NO.	NO. OF POS.	DIM A	DIM B	UNLOADED POSITIONS	LEAD FREE OPTION
68768-004	2 X 4	.300[7.62]	.400[10.16]	1,2,7,8	NOTE 5,6
68768-005	2 X 5	.400[10.16]	.500[12.70]	1,2,9,10	
68768-006	2 X 6	.500[12.70]	.600[15.24]	1,2,11,12	
68768-007	2 X 7	.600[15.24]	.700[17.78]	1,2,13,14	
68768-008	2 X 8	.700[17.78]	.800[20.32]	1,2,15,16	
68768-009	2 X 9	.800[20.32]	.900[22.86]	1,2,17,18	
68768-010	2 X 10	.900[22.86]	1.000[25.40]	1,2,19,20	
68768-011	2 X 11	1.000[25.40]	1.100[27.94]	1,2,21,22	
68768-012	2 X 12	1.100[27.94]	1.200[30.48]	1,2,23,24	
68768-013	2 X 13	1.200[30.48]	1.300[33.02]	1,2,25,26	
68768-014	2 X 14	1.300[33.02]	1.400[35.56]	1,2,27,28	
68768-015	2 X 15	1.400[35.56]	1.500[38.10]	1,2,29,30	
68768-016	2 X 16	1.500[38.10]	1.600[40.64]	1,2,31,32	
68768-017	2 X 17	1.600[40.64]	1.700[43.18]	1,2,33,34	
68768-018	2 X 18	1.700[43.18]	1.800[45.72]	1,2,35,36	
68768-019	2 X 19	1.800[45.72]	1.900[48.26]	1,2,37,38	
68768-020	2 X 20	1.900[48.26]	2.000[50.80]	1,2,39,40	
68768-021	2 X 21	2.000[50.80]	2.100[53.34]	1,2,41,42	
68768-022	2 X 22	2.100[53.34]	2.200[55.88]	1,2,43,44	
68768-023	2 X 23	2.200[55.88]	2.300[58.42]	1,2,45,46	
68768-024	2 X 24	2.300[58.42]	2.400[60.96]	1,2,47,48	
68768-025	2 X 25	2.400[60.96]	2.500[63.50]	1,2,49,50	
68768-026	2 X 26	2.500[63.50]	2.600[66.04]	1,2,51,52	
68768-027	2 X 27	2.600[66.04]	2.700[68.58]	1,2,53,54	
68768-028	2 X 28	2.700[68.58]	2.800[71.12]	1,2,55,56	
68768-029	2 X 29	2.800[71.12]	2.900[73.66]	1,2,57,58	
68768-030	2 X 30	2.900[73.66]	3.000[76.20]	1,2,59,60	
68768-031	2 X 31	3.000[76.20]	3.100[78.74]	1,2,61,62	
68768-032	2 X 32	3.100[78.74]	3.200[81.28]	1,2,63,64	
68768-033	2 X 33	3.200[81.28]	3.300[83.82]	1,2,65,66	
68768-034	2 X 34	3.300[83.82]	3.400[86.36]	1,2,67,68	
68768-035	2 X 35	3.400[86.36]	3.500[88.90]	1,2,69,70	
68768-036	2 X 36	3.500[88.90]	3.600[91.44]	1,2,71,72	NOTE 5,6



mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>	tolerance ISO 406 <input checked="" type="checkbox"/>	projection	product family CARD CONN
ltr	ecr	no	dr	date	title
J					VERT. CARD CONN. .100/2.54 DBL
angles		linear		INCH/MM	ROW SELECT LOAD 30μ"/.76μ Au
0°±2'		XXXX-01/XX-3		scale 4:1	dwg no 68768 sheet 3 of 4 size A3
		XXXX-0.005/XX-13			type Product Customer Drawing
		XXXX-0020/XXXX-051			
dr	J. SHREINER	1/8/91			
enr	M.HAHN	1/8/91			
chr	M.HAHN	1/8/91			
app	M.HAHN	1/8/91			
sheet index	revision sheet				

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PRODUCT NO.	NO. OF POS.	DIM A	DIM B	UNLOADED POSITIONS	LEAD FREE OPTION
68768-037	-2-X-37	DISCONTINUED		1,2,73,74	
68768-038	-2-X-38	DISCONTINUED		1,2,75,76	
68768-039	-2-X-39	DISCONTINUED		1,2,77,78	
68768-040	-2-X-40	DISCONTINUED		1,2,79,80	
68768-041	-2-X-41	DISCONTINUED		1,2,81,82	
68768-042	-2-X-42	DISCONTINUED		1,2,83,84	
68768-043	-2-X-43	DISCONTINUED		1,2,85,86	
68768-044	-2-X-44	DISCONTINUED		1,2,87,88	
68768-045	-2-X-45	DISCONTINUED		1,2,89,90	
68768-046	-2-X-46	DISCONTINUED		1,2,91,92	
68768-047	-2-X-47	DISCONTINUED		1,2,93,94	
68768-048	-2-X-48	DISCONTINUED		1,2,95,96	
68768-049	-2-X-49	DISCONTINUED		1,2,97,98	
68768-050	-2-X-50	DISCONTINUED		1,2,99,100	
68768-101	2 X 22	2.100/53.34	2.200/55.88	9	NOTE 5,6



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mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>	tolerance ISO 406 ISO 1101	projection 	product family CARD CONN
ltr	ecr	no	dr	date	title
J					VERT. CARD CONN. .100/2.54 DBL
					ROW SELECT LOAD 30μ"/.76μ Au
					dwg no 68768 sheet 4 of 4 size A3
					type Product Customer Drawing
sheet index	revision	sheet			