

Excellent Integrated System Limited

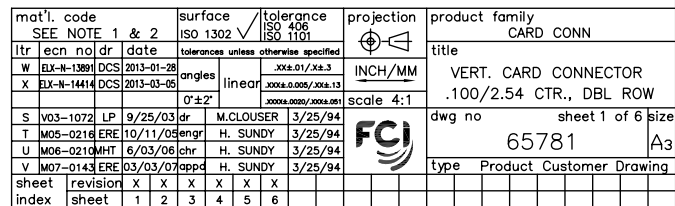
Stocking Distributor

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

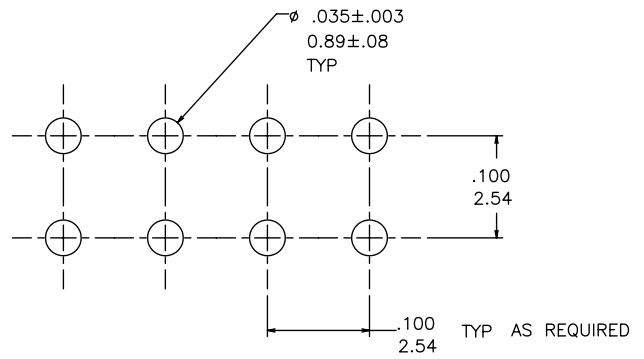
[FCI](#)
[65781-050](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



PRODUCT NO.
SEE TABLE



NOTES:

- ①. HOUSING MAT'L: FILLED POLYESTER.
FLAME RETARDANT PER UL 94V-0.
COLOR: BLACK.
- ②. TERMINAL MATERIAL AND PLATING: SEE TABULATION.
3. RECOMMENDED PIN SIZE: .025±.001/.64±.03 SQUARE.
RECOMMENDED PIN LENGTH: .210±.020/5.33±.51.
4. MARK FCI PART NUMBER AND DATE CODE LEGIBLE
ON TUBE LABEL.
- 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		projection		product family	
itr				ecn no		dr		date				CARD CONN	
X				tolerances unless otherwise specified								title	
				angles		linear		.004-.01 / .004-.3		INCH/MM		VERT. CARD CONNECTOR	
				0±.2°				.0004-.0005 / .004-.1		scale 4:1		.100/2.54 CTR., DBL ROW	
				dr		M.CLOUSER		3/25/94				dwg no	
				enr		H. SUNDY		3/25/94				sheet 2 of 6	
				chr		H. SUNDY		3/25/94				65781	
				appd		H. SUNDY		3/25/94				A3	
sheet index		revision sheet								type		Product Customer Drawing	

PDS: Rev :X

STATUS:Released

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PRODUCT NUMBER	SIZE	DIM A	DIM B	MATERIAL AND PLATING	DIM C	LEAD FREE OPTION
65781-001				UNASSIGNED		
-002	2X2	.100 / 2.54	.200 / 5.08	BODY MAT'L: BRASS BODY PLATING: 40u"/1.02u MIN THICK C.I. GOLD INSIDE CONTACT AREA, 2u"/.051u GOLD FLASH MIN ON REST OF TERMINAL BODY, OVER 50u"/ 1.27u MIN NICKEL SPRING MAT'L: BeCu HEAT TREATED SPRING PLATING: GOLD FLASH	.140/3.56	
-003	2X3	.200 / 5.08	.300 / 7.62			
-004	2X4	.300 / 7.62	.400 / 10.16			
-005	2X5	.400 / 10.16	.500 / 12.70			
-006	2X6	.500 / 12.70	.600 / 15.24			
-007	2X7	.600 / 15.24	.700 / 17.78			
-008	2X8	.700 / 17.78	.800 / 20.32			
-009	2X9	.800 / 20.32	.900 / 22.86			
-010	2X10	.900 / 22.86	1.000 / 25.40			
-011	2X11	1.000 / 25.40	1.100 / 27.94			
-012	2X12	1.100 / 27.94	1.200 / 30.48			
-013	2X13	1.200 / 30.48	1.300 / 33.02			
-014	2X14	1.300 / 33.02	1.400 / 35.56			
-015	2X15	1.400 / 35.56	1.500 / 38.10			
-016	2X16	1.500 / 38.10	1.600 / 40.64			
-017	2X17	1.600 / 40.64	1.700 / 43.18			
-018	2X18	1.700 / 43.18	1.800 / 45.72			
-019	2X19	1.800 / 45.72	1.900 / 48.26			
-020	2X20	1.900 / 48.26	2.000 / 50.80			
-021	2X21	2.000 / 50.80	2.100 / 53.34			
-022	2X22	2.100 / 53.34	2.200 / 55.88			
-023	2X23	2.200 / 55.88	2.300 / 58.42			
-024	2X24	2.300 / 58.42	2.400 / 60.96			
-025	2X25	2.400 / 60.96	2.500 / 63.50			
-026	2X26	2.500 / 63.50	2.600 / 66.04			
-027	2X27	2.600 / 66.04	2.700 / 68.58			
-028	2X28	2.700 / 68.58	2.800 / 71.12			
-029	2X29	2.800 / 71.12	2.900 / 73.66			
-030	2X30	2.900 / 73.66	3.000 / 76.20			
-031	2X31	3.000 / 76.20	3.100 / 78.74	BODY MAT'L: BRASS BODY PLATING: 40u"/1.02u MIN THICK C.I. GOLD INSIDE CONTACT AREA, 2u"/.051u GOLD FLASH MIN ON REST OF TERMINAL BODY, OVER 50u"/ 1.27u MIN NICKEL SPRING MAT'L: BeCu HEAT TREATED SPRING PLATING: GOLD FLASH		
-032	2X32	3.100 / 78.74	3.200 / 81.28			
-033	2X33	3.200 / 81.28	3.300 / 83.82			
-034	2X34	3.300 / 83.82	3.400 / 86.36			
-035	2X35	3.400 / 86.36	3.500 / 88.90			
65781-036	2X36	3.500 / 88.90	3.600 / 91.44		.140/3.56	NOTE 5,6

OBS

mat'l. code	surface	tolerance	projection	product family
	ISO 1302	ISO 406		CARD CONN
		ISO 1101		
ltr	ecn	no	dr	date
x				
	angles			
	0°±2°			
	linear			
	dr	M.CLOUSER	3/25/94	
	enrg	H. SUNDY	3/25/94	
	chr	H. SUNDY	3/25/94	
	appd	H. SUNDY	3/25/94	
sheet	revision			
index	sheet			



title	product family
VERT. CARD CONNECTOR	CARD CONN
.100/2.54 CTR., DBL ROW	
dwg no	sheet 3 of 6 size
65781	A3
type	Product Customer Drawing

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STATUS:Released

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PRODUCT NUMBER	SIZE	DIM A	DIM B	MATERIAL AND PLATING	DIM C	LEAD FREE OPTION
65781-037				UNASSIGNED		
-038	2X2	.100 / 2.54	.200 / 5.08		.140/3.56	
-039	2X3	.200 / 5.08	.300 / 7.62			
-040	2X4	.300 / 7.62	.400 / 10.16	BRASS 100u"/2.54u THICK SN PLATE		NOTES 5,6,8
-041	2X5	.400 / 10.16	.500 / 12.70	SPRING MAT'L: BeCu HEAT TREATED		
-042	2X6	.500 / 12.70	.600 / 15.24	SPRING PLATING: 30u"/76u MIN		
-043	2X7	.600 / 15.24	.700 / 17.78	ELECTROLESS TIN		
-044	2X8	.700 / 17.78	.800 / 20.32			
-045	2X9	.800 / 20.32	.900 / 22.86			
-046	2X10	.900 / 22.86	1.000 / 25.40			
-047	2X11	1.000 / 25.40	1.100 / 27.94			
-048	2X12	1.100 / 27.94	1.200 / 30.48			
-049	2X13	1.200 / 30.48	1.300 / 33.02			
-050	2X14	1.300 / 33.02	1.400 / 35.56			
-051	2X15	1.400 / 35.56	1.500 / 38.10			
-052	2X16	1.500 / 38.10	1.600 / 40.64			
-053	2X17	1.600 / 40.64	1.700 / 43.18			
-054	2X18	1.700 / 43.18	1.800 / 45.72			
-055	2X19	1.800 / 45.72	1.900 / 48.26			
-056	2X20	1.900 / 48.26	2.000 / 50.80			
-057	2X21	2.000 / 50.80	2.100 / 53.34			
-058	2X22	2.100 / 53.34	2.200 / 55.88			
-059	2X23	2.200 / 55.88	2.300 / 58.42			
-060	2X24	2.300 / 58.42	2.400 / 60.96			
-061	2X25	2.400 / 60.96	2.500 / 63.50			
-062	2X26	2.500 / 63.50	2.600 / 66.04			
-063	2X27	2.600 / 66.04	2.700 / 68.58			
-064	2X28	2.700 / 68.58	2.800 / 71.12			
-065	2X29	2.800 / 71.12	2.900 / 73.66			
-066	2X30	2.900 / 73.66	3.000 / 76.20			
-067	2X31	3.000 / 76.20	3.100 / 78.74			
-068	2X32	3.100 / 78.74	3.200 / 81.28			
-069	2X33	3.200 / 81.28	3.300 / 83.82	BRASS 100u"/2.54u THICK SN PLATE		
-070	2X34	3.300 / 83.82	3.400 / 86.36	SPRING MAT'L: BeCu HEAT TREATED		
-071	2X35	3.400 / 86.36	3.500 / 88.90	SPRING PLATING: 30u"/76u MIN		
				ELECTROLESS TIN		
65781-072	2X36	3.500 / 88.90	3.600 / 91.44		.140/3.56	NOTES 5,6,8

mat'l. code				surface ISO 1302 ✓ tolerance ISO 406 ISO 1101		projection 		product family CARD CONN	
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM scale 4:1 		title	
X				angles .004A.01/.X4.3 linear .000A.0005/.004.13 .0±.2 .000A.0005/.004.001				VERT. CARD CONNECTOR .100/.254 CTR., DBL ROW	
				engr	M.CLOUSER	3/25/94		dwg no	sheet 4 of 6 size
				dr	H. SUNDY	3/25/94		65781	A3
				chr	H. SUNDY	3/25/94		type Product Customer Drawing	
				appd	H. SUNDY	3/25/94			
sheet index		revision sheet							

PRODUCT NUMBER	SIZE	DIM A	DIM B	MATERIAL AND PLATING	DIM C	LEAD FREE OPTION
65781-073				UNASSIGNED		
-074	2X2	.100 / 2.54	.200 / 5.08	BODY MAT'L: Cu Ni 10u"/25u Au FLASH INSIDE BODY CONTACT AREA ONLY WITH .001/.03 MIN HIGH GOLD DOT. SPRING PLATING: GOLD FLASH SPRING MAT'L: BeCu HEAT TREAT	.140/3.56	NOTE 5,6
-075	2X3	.200 / 5.08	.300 / 7.62			
-076	2X4	.300 / 7.62	.400 / 10.16			
-077	2X5	.400 / 10.16	.500 / 12.70			
-078	2X6	.500 / 12.70	.600 / 15.24			
-079	2X7	.600 / 15.24	.700 / 17.78			
-080	2X8	.700 / 17.78	.800 / 20.32			
-081	2X9	.800 / 20.32	.900 / 22.86			
-082	2X10	.900 / 22.86	1.000 / 25.40			
-083	2X11	1.000 / 25.40	1.100 / 27.94			
-084	2X12	1.100 / 27.94	1.200 / 30.48	BODY MAT'L: Cu Ni 10u"/25u Au FLASH INSIDE BODY CONTACT AREA ONLY WITH .001/.03 MIN HIGH GOLD DOT. SPRING PLATING: GOLD FLASH SPRING MAT'L: BeCu HEAT TREAT		
-085	2X13	1.200 / 30.48	1.300 / 33.02			
-086	2X14	1.300 / 33.02	1.400 / 35.56			
-087	2X15	1.400 / 35.56	1.500 / 38.10			
-088	2X16	1.500 / 38.10	1.600 / 40.64			
-089	2X17	1.600 / 40.64	1.700 / 43.18			
-090	2X18	1.700 / 43.18	1.800 / 45.72			
-091	2X19	1.800 / 45.72	1.900 / 48.26			
-092	2X20	1.900 / 48.26	2.000 / 50.80			
-093	2X21	2.000 / 50.80	2.100 / 53.34			
-094	2X22	2.100 / 53.34	2.200 / 55.88	BODY MAT'L: Cu Ni 10u"/25u Au FLASH INSIDE BODY CONTACT AREA ONLY WITH .001/.03 MIN HIGH GOLD DOT. SPRING PLATING: GOLD FLASH SPRING MAT'L: BeCu HEAT TREAT		
-095	2X23	2.200 / 55.88	2.300 / 58.42			
-096	2X24	2.300 / 58.42	2.400 / 60.96			
-097	2X25	2.400 / 60.96	2.500 / 63.50			
-098	2X26	2.500 / 63.50	2.600 / 66.04			
-099	2X27	2.600 / 66.04	2.700 / 68.58			
-100	2X28	2.700 / 68.58	2.800 / 71.12			
-101	2X29	2.800 / 71.12	2.900 / 73.66			
-102	2X30	2.900 / 73.66	3.000 / 76.20			
-103	2X31	3.000 / 76.20	3.100 / 78.74			
-104	2X32	3.100 / 78.74	3.200 / 81.28	BODY MAT'L: Cu Ni 10u"/25u Au FLASH INSIDE BODY CONTACT AREA ONLY WITH .001/.03 MIN HIGH GOLD DOT. SPRING PLATING: GOLD FLASH SPRING MAT'L: BeCu HEAT TREAT		
-105	2X33	3.200 / 81.28	3.300 / 83.82			
-106	2X34	3.300 / 83.82	3.400 / 86.36			
-107	2X35	3.400 / 86.36	3.500 / 88.90			
65781-108	2X36	3.500 / 88.90	3.600 / 91.44		.140/3.56	NOTE 5,6

mat'l. code				surface	tolerance	projection	product family	
				ISO 1302	ISO 406 ISO 1101		CARD CONN	
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title	
x					linear	INCH/MM	VERT. CARD CONNECTOR	
					0"±2"	scale 4:1	.100/2.54 CTR., DBL ROW	
					dr	M.CLOUSER	3/25/94	dwg no
					enr	H. SUNDY	3/25/94	sheet 5 of 6
					chr	H. SUNDY	3/25/94	size
					appd	H. SUNDY	3/25/94	A3
sheet index	revision	sheet						type
								Product Customer Drawing

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PRODUCT NUMBER	SIZE	DIM A	DIM B	MATERIAL AND PLATING	DIM C	LEAD FREE OPTION
65781-149	2X5	.400/10.16	.500/12.70	BRASS	.115/2.92	
65781-151	2X7	.600/15.24	.700/17.78	100u"/2.54u THICK SN PLATE	.115/2.92	NOTES 5,6,8
65781-152	2X8	.700/17.78	.800/20.32	SPRING MAT'L: BeCu HEAT TREATED	.115/2.92	
65781-153	2X13	1.200 / 30.48	1.300 / 33.02	SPRING PLATING: 30u"/76u MIN	.140/3.56	
65781-154	2X15	1.400 / 35.56	1.500 / 38.10	ELECTROLESS TIN	.140/3.56	
65781-155	2X17	1.600 / 40.64	1.700 / 43.18	CONTACT BODY MATERIAL: BRASS	.140/3.56	NOTE 5,6
65781-156	2X18	1.700 / 43.18	1.800 / 45.72	CONTACT BODY PLATING: 30u"/0.76u MIN	.140/3.56	
65781-157	2X20	1.900 / 48.26	2.000 / 50.80	GOLD INSIDE CONTACT AREA AND	.140/3.56	
65781-158	2X30	2.900 / 73.66	3.000 / 76.20	GOLD FLASH ON TAILS	.140/3.56	
65781-159	2X10	.900 / 22.86	1.000 / 25.40	OVER 50u"/1.27u MIN NICKEL	.140/3.56	
65781-160	2X5	.400 / 10.16	.500 / 12.70	SPRING MATERIAL: BeCu HEAT TREATED	.140/3.56	
				SPRING PLATING: GOLD FLASH	.140/3.56	
				ON CONTACT AREA	.140/3.56	

mat'l. code				surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family
l	tr	ec	n	o	dr	date	tolerances unless otherwise specified			CARD CONN
x							linear	XXS.01/XXS.3	INCH/MM	title
							0"±2"	XXXX.0005/XXXX.13	scale 4:1	VERT. CARD CONNECTOR
							dr	M.CLOUSER	3/25/94	dwg no
							enr	H. SUNDY	3/25/94	sheet 6 of 6 size
							chr	H. SUNDY	3/25/94	A3
							app	H. SUNDY	3/25/94	type
sheet	index	revision	sheet							Product Customer Drawing

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