

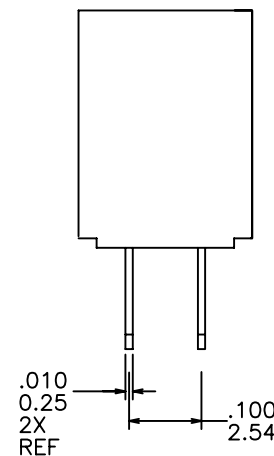
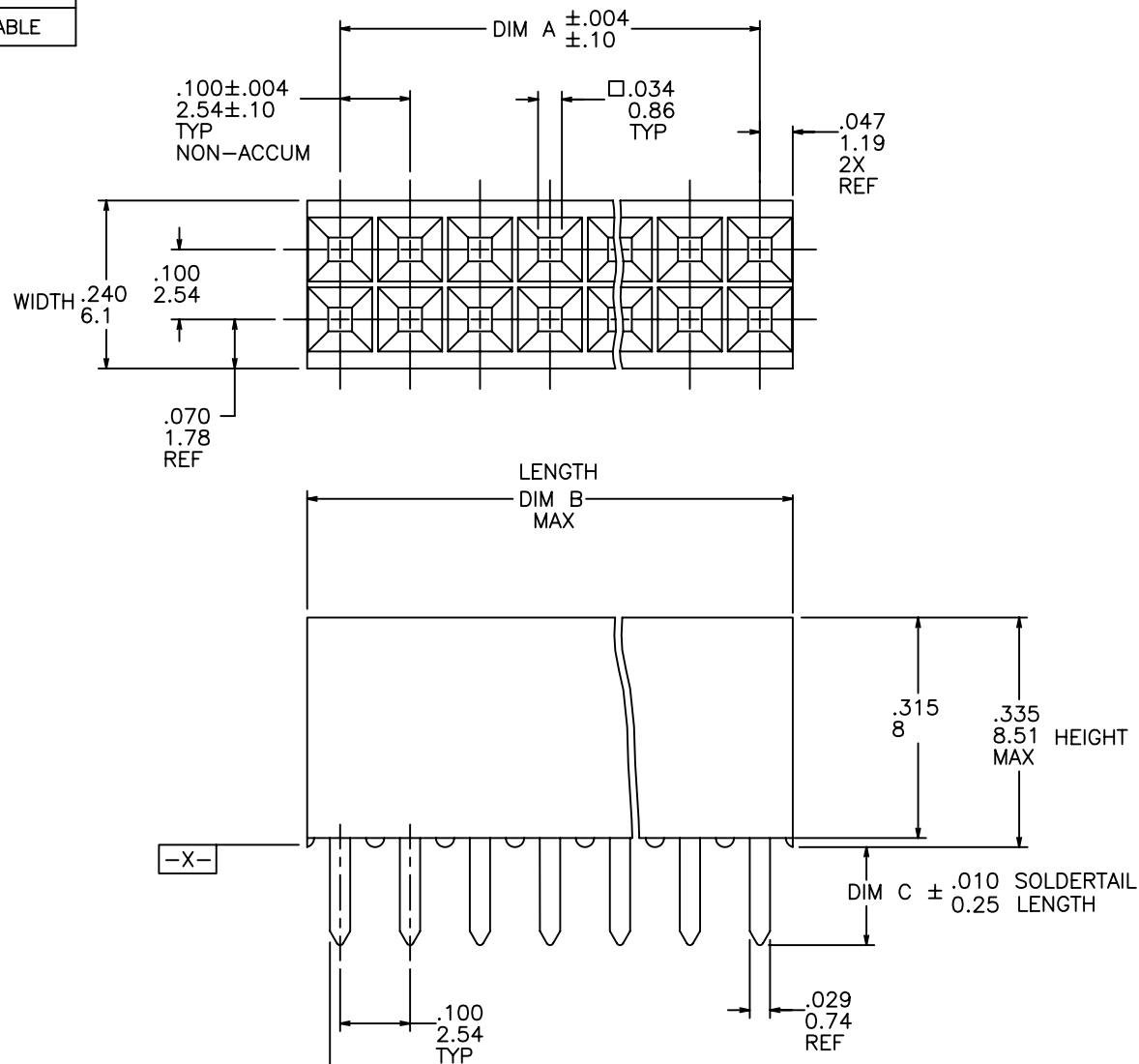


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PRODUCT NO.

SEE TABLE



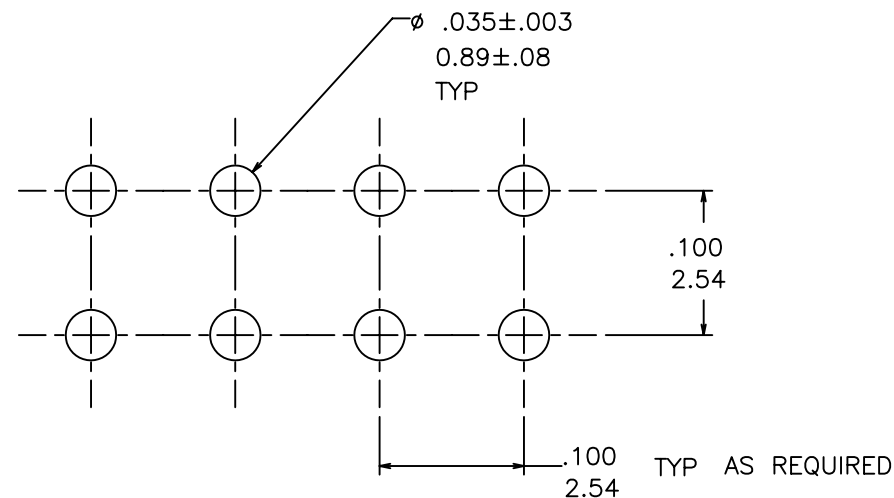
mat'l. code SEE NOTE 1 & 2				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection INCH/MM	product family CARD CONN		
ltr	ecr	no	dr	date	angles	linear	scale 4:1	title VERT. CARD CONNECTOR .100/2.54 CTR., DBL ROW		
W	ELX-N-13891	DCS		2013-01-28				dwg no		
X	ELX-N-14414	DCS		2013-03-05				sheet 1 of 6		
S	v03-1072	LP		9/25/03	dr	M.CLOUSER	3/25/94	size		
T	M05-0216	ERE		10/11/05	enr	H. SUNDY	3/25/94	A3		
U	M06-0210	MHT		6/03/06	chr	H. SUNDY	3/25/94	type		
V	M07-0143	ERE		03/03/07	app	H. SUNDY	3/25/94	Product Customer Drawing		
sheet	revision	X	X	X	X	X	X			
index	sheet	1	2	3	4	5	6			

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: $.025 \pm .001 / .64 \pm .03$ SQUARE.
RECOMMENDED PIN LENGTH: $.210 \pm .020 / 5.33 \pm .51$.
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."



RECOMMENDED HOLE PATTERN

SCALE 4:1

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		linear						VERT. CARD CONNECTOR			
						$.X0\pm.01/X\pm.3$						.100/2.54 CTR., DBL ROW			
						$.X00\pm.005/X\pm.13$									
				0'±2'		$.X00\pm.0025/X\pm.051$						dwg no			
				dr	M.CLOUSER		3/25/94				sheet2 of 6		size		
				enr	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													

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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	NOTE 5,6
-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			
-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

A

B

C

D

mat'l. code

surface
ISO 1302 ✓

tolerance
ISO 406
ISO 1101

projection
INCH/MM

product family
CARD CONN

ltr

ecn no

dr

date

angles

linear

0°±2°

dr

enrg

chr

appd

sheet index

revision sheet

tolerances unless otherwise specified

.XX±.01/.X±.3

.XXX±.0.005/.XX±.13

.XXX±.0020/.XXX±.051

3/25/94

3/25/94

3/25/94

3/25/94

scale 4:1

FCI

type Product Customer Drawing

title
VERT. CARD CONNECTOR
.100/2.54 CTR., DBL ROW

dwg no
65781

sheet 3 of 6 size
A3

form: A3

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4

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6

PDS: Rev :X

STATUS:Released

Printed: Apr 09, 2013

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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			
-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			
-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

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mat'l. code

surface
ISO 1302 ✓

tolerance
ISO 406
ISO 1101

projection
INCH/MM

product family
CARD CONN

ltr

ecn no

dr

date

angles

linear

0°±2'

dr

enrg

chr

appd

sheet index

revision sheet

tolerances unless otherwise specified

.XX±.01/.X±.3

.XXX±.0.005/.XX±.13

.XXX±.0020/.XXX±.051

3/25/94

3/25/94

3/25/94

3/25/94

scale 4:1

FCI

type Product Customer Drawing

title

VERT. CARD CONNECTOR
.100/2.54 CTR., DBL ROW

dwg no

65781

sheet 5 of 6

size

A3

form: A3

1

2

3

4

5

6

PDS: Rev :X

STATUS:Released

Printed: Apr 09, 2013

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

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