

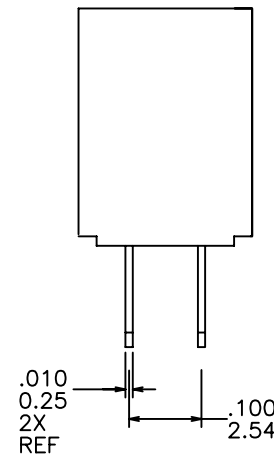
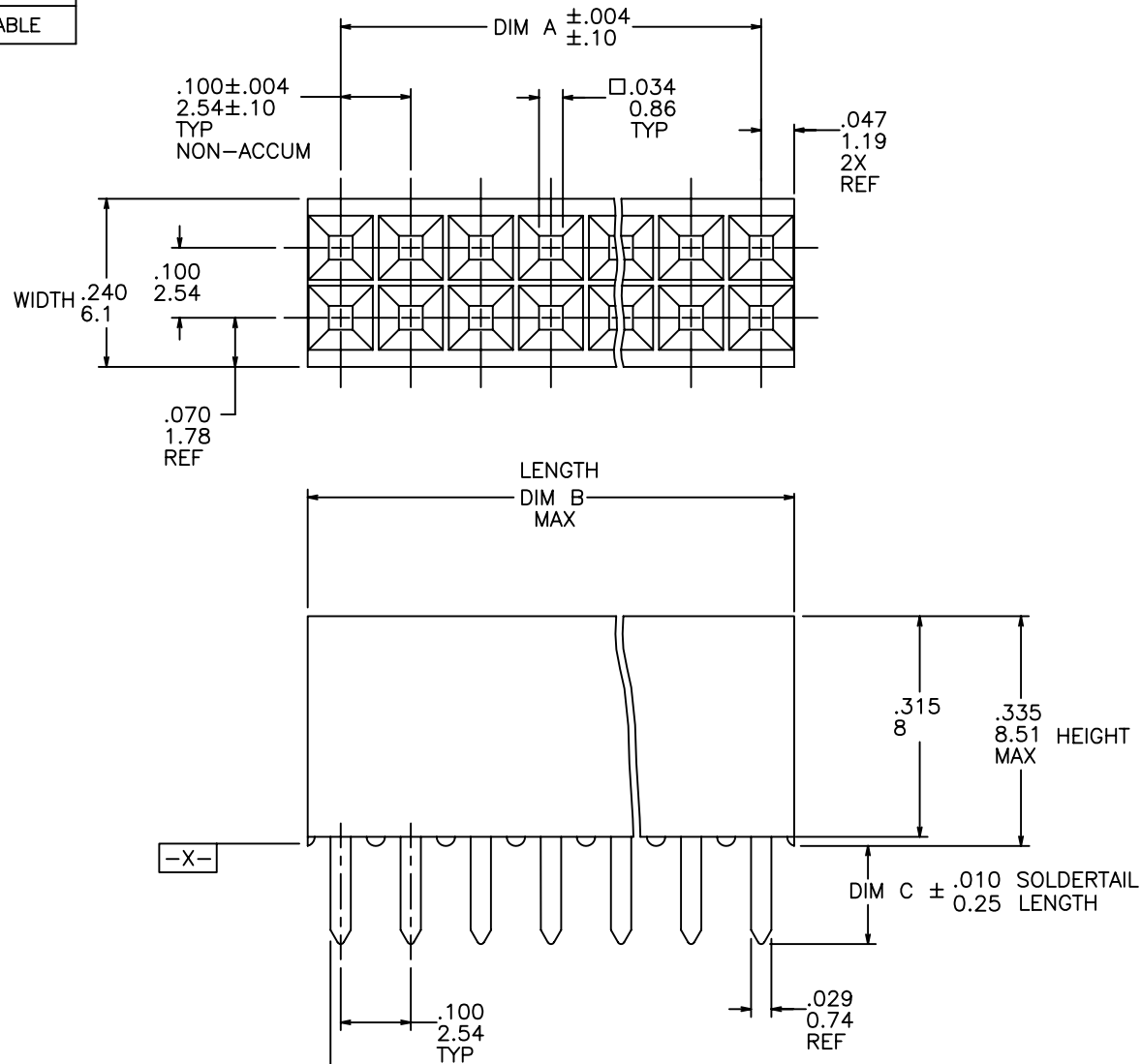


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PRODUCT NO.

SEE TABLE



-.X-
TYP

mat'l. code SEE NOTE 1 & 2				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection INCH/MM	product family CARD CONN		
ltr	ecn	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 65781		
X	ELX-N-14414	DCS		2013-03-05						
S	v03-1072	LP		9/25/03	dr	M.CLOUSER	3/25/94	type Product Customer Drawing		
T	M05-0216	ERE		10/11/05	enr	H. SUNDY	3/25/94			
U	M06-0210	MHT		6/03/06	chr	H. SUNDY	3/25/94	size A3		
V	M07-0143	ERE		03/03/07	app	H. SUNDY	3/25/94			
sheet	revision	X	X	X	X	X	X			
index	sheet	1	2	3	4	5	6			



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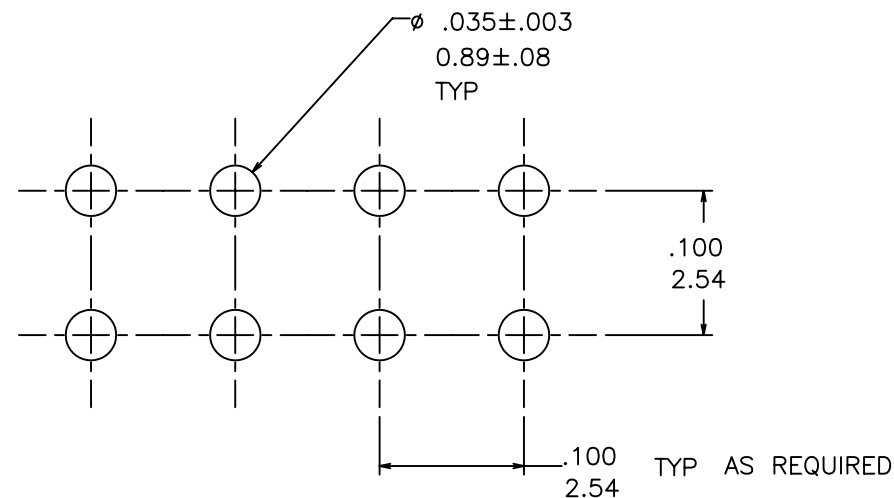
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PRODUCT NO.

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."



mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CARD CONN		
ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 4:1	title		
X				angles	linear		VERT. CARD CONNECTOR .100/2.54 CTR., DBL ROW		
				0°±2°					
				dr	M.CLOUSER	3/25/94	FCI	dwg no	sheet 2 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								

1		2		3		4		5		6	
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	BRASS 100u"/2.54u THICK SN PLATE SPRING MAT'L: BeCu HEAT TREATED SPRING PLATING: 30u"/76u MIN ELECTROLESS TIN		.140/3.56		NOTES 5,6,8		OBS	
-039	2X3	.200 / 5.08	.300 / 7.62								
-040	2X4	.300 / 7.62	.400 / 10.16								
-041	2X5	.400 / 10.16	.500 / 12.70								
-042	2X6	.500 / 12.70	.600 / 15.24								
-043	2X7	.600 / 15.24	.700 / 17.78								
-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								
-070	2X34	3.300 / 83.82	3.400 / 86.36								
-071	2X35	3.400 / 86.36	3.500 / 88.90								
65781-072	2X36	3.500 / 88.90	3.600 / 91.44								

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family CARD CONN			
litr		ecn no		dr		date		tolerances unless otherwise specified		title			
X								.XX±.01/.X±.3		INCH/MM			
								.XXX±.0.005/.XXX±.13		VERT. CARD CONNECTOR			
								.XXX±.0020/.XXX±.051		.100/2.54 CTR., DBL ROW			
								scale 4:1		dwg no			
										sheet 4 of 6			
										size			
										A3			
										type Product Customer Drawing			
sheet index		revision sheet											

form: A3

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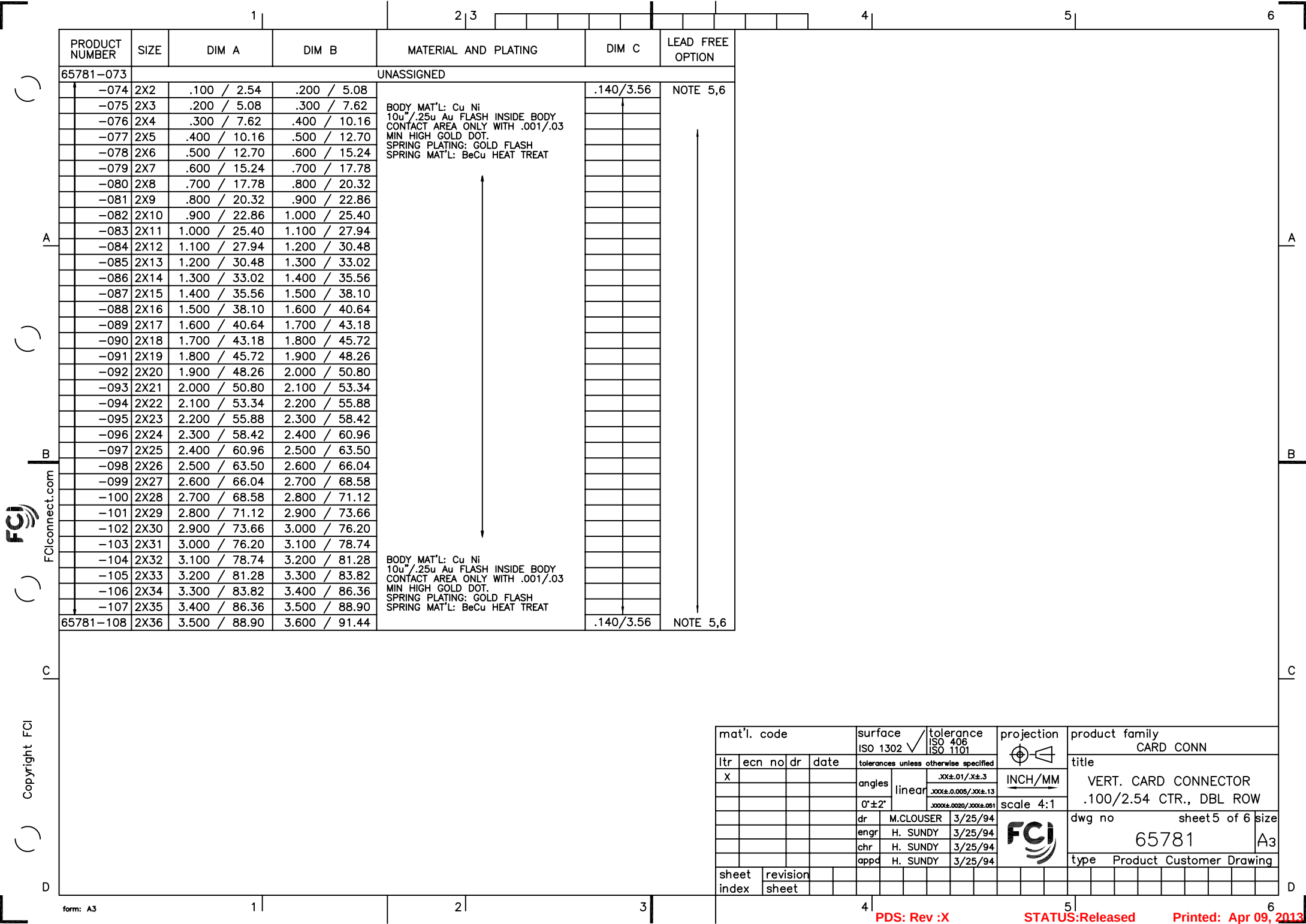
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PDS: Rev :X

STATUS:Released

Printed: Apr 09, 201



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	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		NOTE 5,6
-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			NOTE 5,6
-104	2X32	3.100 / 78.74	3.200 / 81.28			
-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	

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CARD CONN
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 4:1	title VERT. CARD CONNECTOR .100/2.54 CTR., DBL ROW
X				angles	linear		
				0°±2'			
				dr	M.CLOUSER	3/25/94	dwg no 65781 type Product Customer Drawing
				enr	H. SUNDY	3/25/94	
				chr	H. SUNDY	3/25/94	
				appd	H. SUNDY	3/25/94	
sheet index	revision sheet						sheet 5 of 6 size A3

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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 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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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					title				
X					angles	linear		INCH/MM		VERT. CARD CONNECTOR				
								scale 4:1		.100/2.54 CTR., DBL ROW				
					0'±2"					dwg no				
					dr	M.CLOUSER	3/25/94			sheet 6 of 6 size				
				engr	H. SUNDY	3/25/94	65781 A3							
				chr	H. SUNDY	3/25/94								
				appd	H. SUNDY	3/25/94								
sheet index		revision sheet								type Product Customer Drawing				

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