

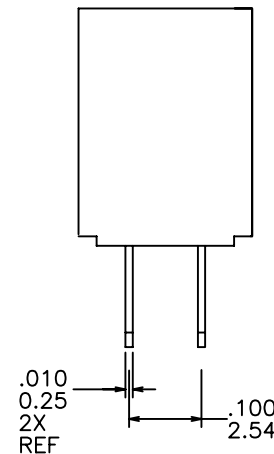
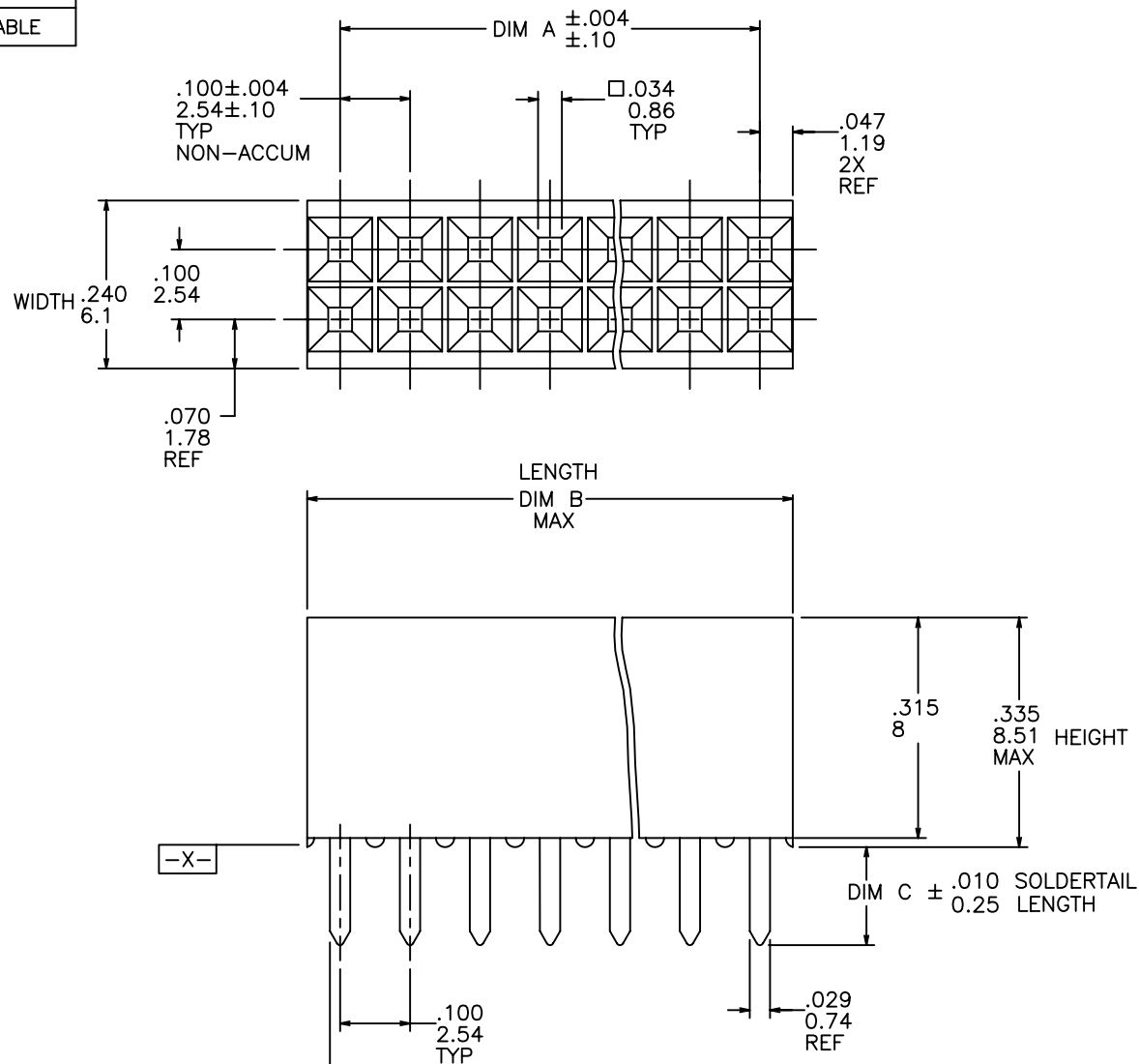


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PRODUCT NO.

SEE TABLE



FCI
TYP

mat'l. code SEE NOTE 1 & 2				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family CARD CONN			
ltr		ecr no		dr		date		tolerances unless otherwise specified				title	
W		ELX-N-13891		DCS		2013-01-28		angles		linear		.XX±.01/.X±.3	
X		ELX-N-14414		DCS		2013-03-05		0°±2°				.XXX±.0.005/.XX±.13 .XXX±.0020/.XXX.051	
										scale 4:1		INCH/MM	
S		v03-1072		LP		9/25/03		dr		M.CLOUSER		3/25/94	
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	
V		M07-0143		ERE		03/03/07		appd		H. SUNDY		3/25/94	
sheet		revision		X		X		X		X		X	
index		sheet		1		2		3		4		5	
												6	

FCI

dwg no

sheet 1 of 6

size

65781

A3

type

Product

Customer

Drawing



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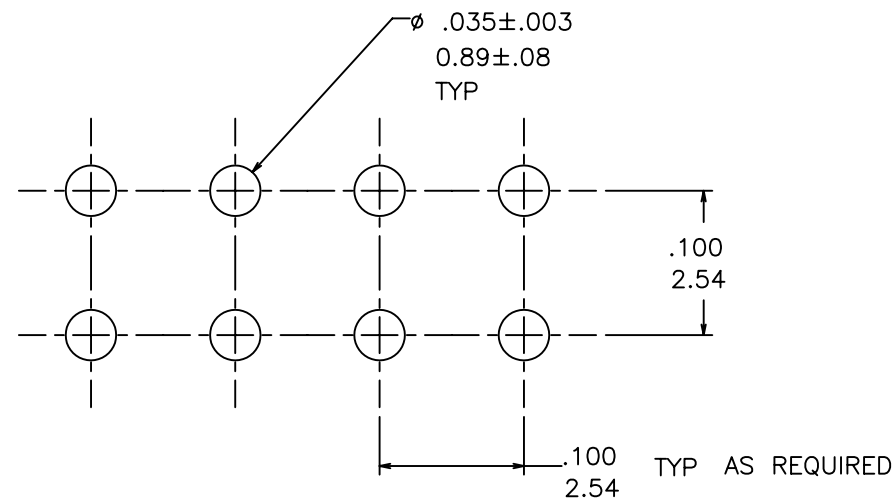
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PRODUCT NO.

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		 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				
				enr	H. SUNDY 3/25/94		dwg no 65781		
				chr	H. SUNDY 3/25/94				
				appd	H. SUNDY 3/25/94				
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
65781-001				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

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

form: A3

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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
65781-037				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	OBS NOTES 5,6,8
-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	BRASS 100u"/2.54u THICK SN PLATE SPRING MAT'L: BeCu HEAT TREATED SPRING PLATING: 30u"/76u MIN ELECTROLESS TIN		NOTES 5,6,8
-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		.140/3.56	

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

form: A3

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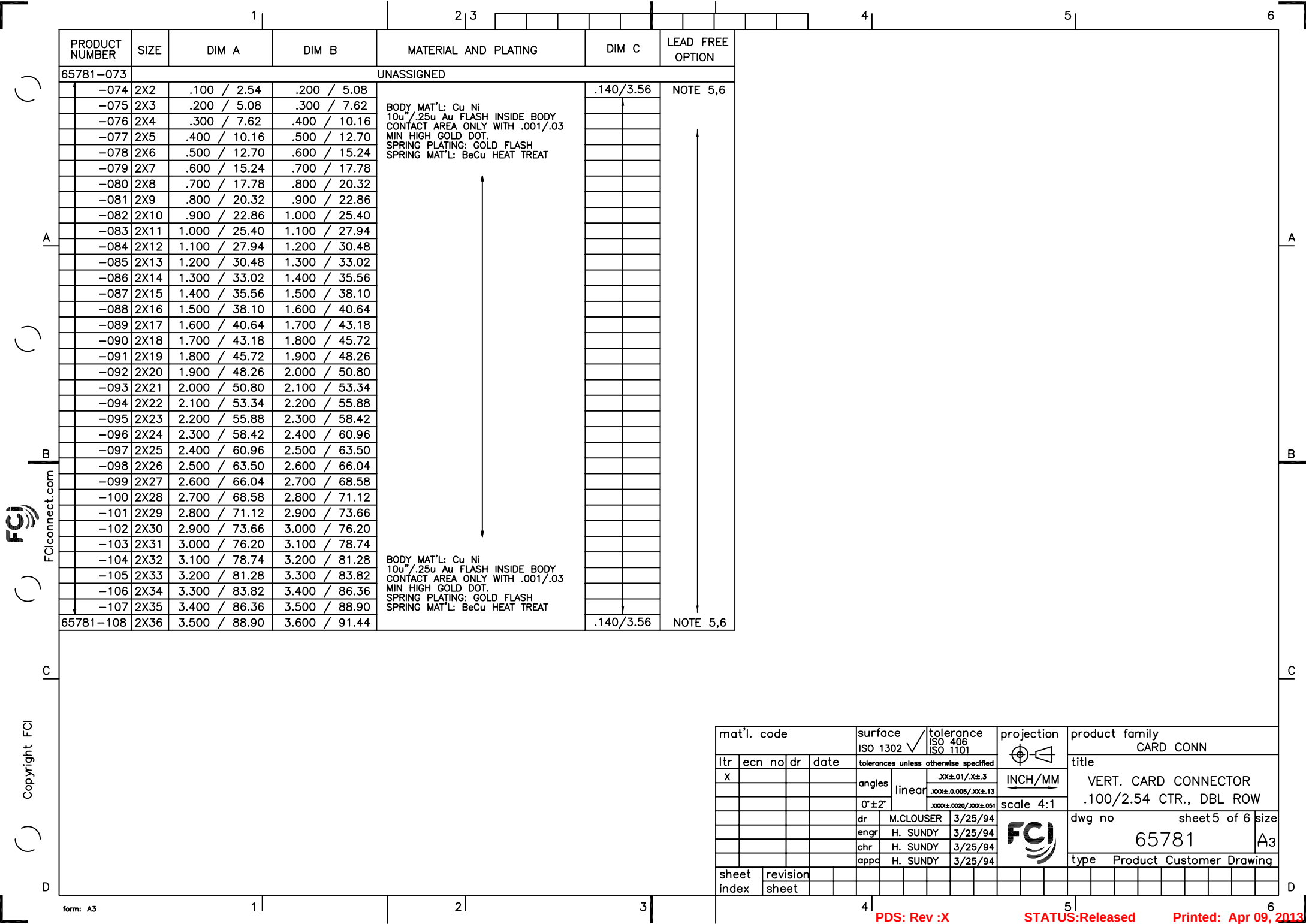
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PDS: Rev :X

STATUS:Released

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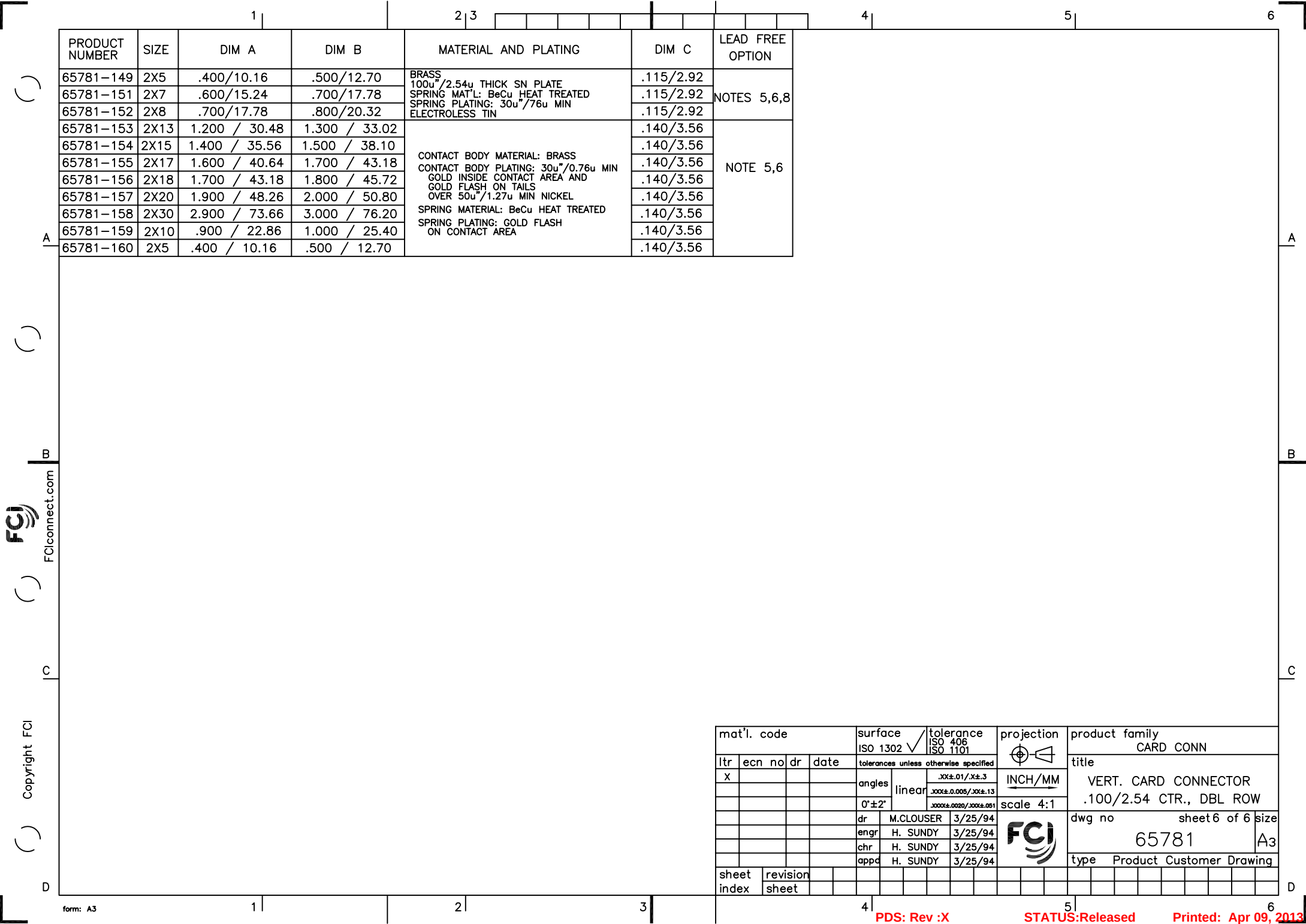


mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CARD CONN		
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 4:1	title VERT. CARD CONNECTOR .100/2.54 CTR., DBL ROW		
X				angles	linear				
				0°±2'					
				dr	M.CLOUSER	3/25/94	FCJ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



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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	.XX±.01/.X±.3		INCH/MM		VERT. CARD CONNECTOR .100/2.54 CTR., DBL ROW						
				.XXX±0.005/.XXX±.13												
				0°±2"		.XXX±.0020/.XXX±.051										
					0°±2"		.XXX±.0020/.XXX±.051		scale 4:1							
				dr	M.CLOUSER		3/25/94				dwg no		sheet 6 of 6		size	
				enrg	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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