

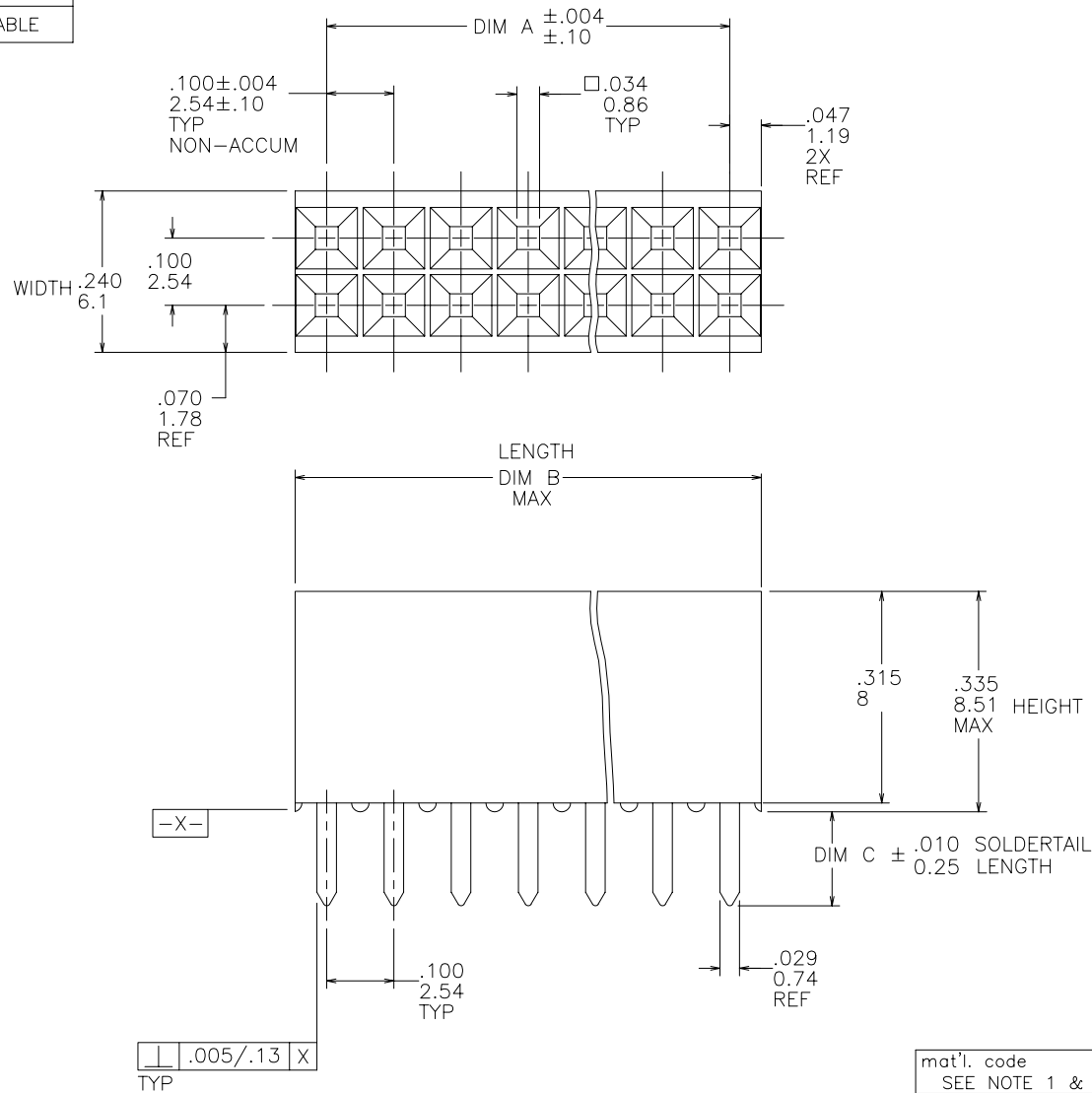


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PRODUCT NO.

SEE TABLE



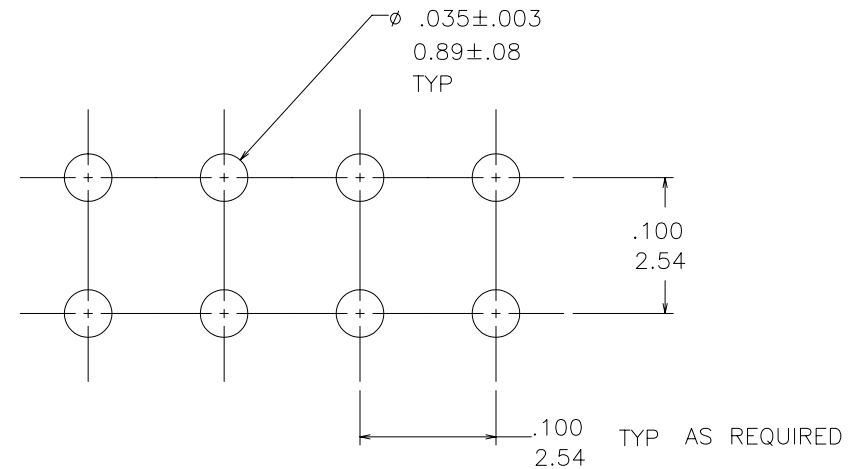
mat'l. code SEE NOTE 1 & 2				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CARD CONN
ltr	ecr	no	dr	date	tolerances unless otherwise specified		title
N	V41514	LSS		11/15/94	angles	$.XX \pm .01 / .X \pm .3$	VERT. CARD CONNECTOR
P	V70080	MDF		2/27/97	linear	$.XXX \pm 0.005 / .XX \pm .13$	.100/2.54 CTR., DBL ROW
R	V94468	MDF		1/11/00	$0' \pm 2'$	$.XXXX \pm .0020 / .XXX \pm .051$	
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	V	V	V	V	V	V
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 INCH/MM	product family CARD CONN
ltr	ecn	no	dr	date	tolerances unless otherwise specified	scale 4:1 FCI	title
V					linear .XX±.01/.X±.3 .XXX±.0.005/.XX±.13 .XXXX±.0020/.XXX±.051		VERT. CARD CONNECTOR .100/2.54 CTR., DBL ROW
					angles 0°±2'		dwg no
							sheet 2 of 6 size
				dr	M.CLOUSER 3/25/94		65781 A3
				enr	H. SUNDY 3/25/94		
				chr	H. SUNDY 3/25/94		
				appd	H. SUNDY 3/25/94		
sheet	revision						type
index	sheet						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	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		NOTE 5,6
-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	

OBS

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
V					angles linear .XX±.01/.X±.3 .XXX±.0.005/.XX±.13 .XXXX±.0020/.XXX±.051		VERT. CARD CONNECTOR .100/2.54 CTR., DBL ROW
					dr M.CLOUSER 3/25/94 enr H. SUNDY 3/25/94 chr H. SUNDY 3/25/94 appd H. SUNDY 3/25/94		dwg no sheet3 of 6 size 65781 A3
sheet index	revision sheet						type Product Customer Drawing

form: A3



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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	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	

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
V				angles	linear		VERT. CARD CONNECTOR
				0°±2'	.XX±.01/.X±.3 .XXX±.0.005/.XX±.13 .XXXX±.0020/.XXX±.051		.100/2.54 CTR., DBL ROW
				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
				appd	H. SUNDY	3/25/94	type Product Customer Drawing
sheet index	revision sheet						

form: A3



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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

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
V					angles linear .XX±.01/.X±.3		VERT. CARD CONNECTOR
					0'±2' .XXX±.0.005/.XX±.13 .XXXX±.0020/.XXX±.051		.100/2.54 CTR., DBL ROW
				dr	M.CLOUSER 3/25/94	FCI	dwg no
				enr	H. SUNDY 3/25/94		sheet5 of 6 size
				chr	H. SUNDY 3/25/94		65781 A3
				appd	H. SUNDY 3/25/94		type Product Customer Drawing
sheet index	revision sheet						



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form: A3

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	

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
V					angles linear .XX±.01/.X±.3 XXX±.0.005/.XX±.13 XXXX±.0020/.XXX±.051		VERT. CARD CONNECTOR .100/2.54 CTR., DBL ROW
					0'±2'		
				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		65781 A3
				appd	H. SUNDY 3/25/94		type Product Customer Drawing
sheet index	revision sheet						