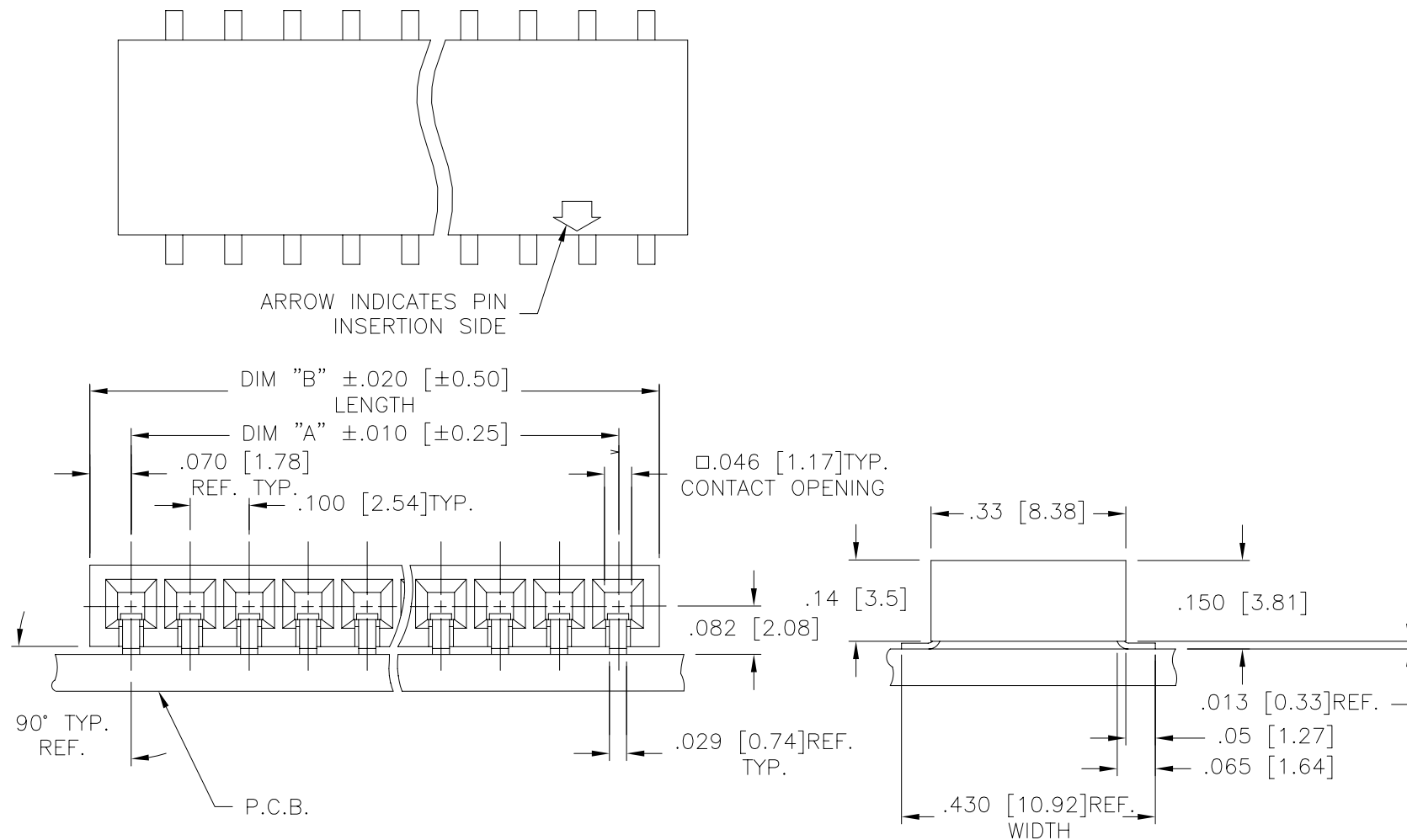




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PRODUCT NUMBER
SEE TABLE



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	title	
N	V70468	MDF	7/21/97	angles	linear	.XX±.01/.X±.3		30μ"/0.76μ 1X.100	
P	V71215	SAR	9/23/97			.XXX±.0.005/.XX±.13	scale 4:1	SMT CARD CONNECTOR	
R	V82177	EPK	12/21/98	0'±2'		.XXXX±.0020/.XXX±.051		dwg no	
S	V02386	AZ	10/06/00	dr	J.SHREINER	11/21/91		sheet 1 of 7 size	
T	V20148	GIP	02/01/02	enrg	M.HAHN	11/21/91		67898	
U	M05-0199	ERE	09/15/05	chr	M.HAHN	11/21/91		A3	
V	M06-0210	MHT	6/03/06	appd	M.HAHN	11/21/91		type Product Customer Drawing	
sheet	revision	V	V	V	V	V	V		
index	sheet	1	2	3	4	5	6		

form: A3

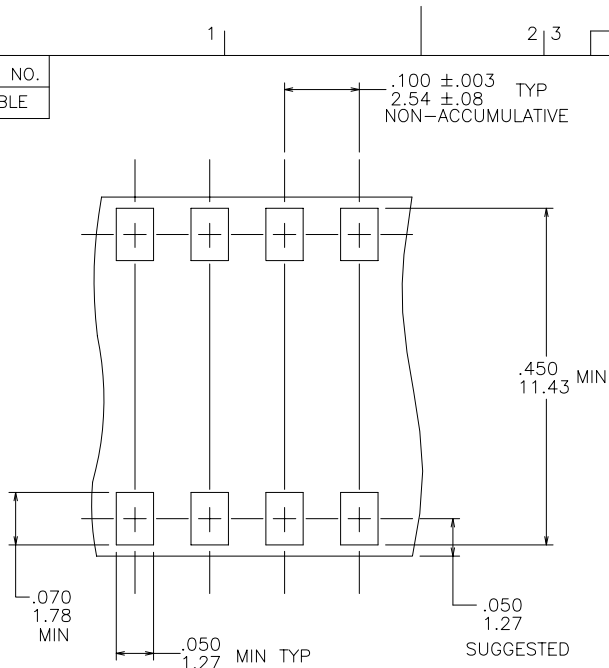


FIGURE 1
SCALE: 5:1
RECOMMENDED PCB FOOTPRINT
SEE NOTE 4

NOTES

- ① HOUSING MATERIAL:
FILLED HIGH TEMPERATURE NYLON
COLOR: BLACK.
- ② TERMINAL MATERIAL:
BODY: BRASS, .010/.25 THICK.
SPRING: BE-CU, HEAT TREATED.
BODY PLATING:
30 MICROINCH/.76 MICRON GOLD
OVER 50 MICROINCH /1.27 MICRON NICKEL
IN CONTACT AREA
SOLDERTAIL: GOLD FLASH
SPRING PLATING: GOLD FLASH
3. MARKING:
FCI PART NUMBER AND DATE CODE LEGIBLE
ON TUBE LABEL.
- ④ APPLICATION INFORMATION:
A. RECOMMENDED MOUNTING PAD
PATTERN IS SHOWN IN FIGURE "1".
B. ALL MATING PINS TO BE
.025/.64 SQUARE ON TRUE
CENTER OF GIVEN TERMINAL
SPACINGS WITHIN .015/.38 DIA.
C. SUGGESTED MATING PIN LENGTH
.350±.020/8.89±.51.

- ⑤ SPECIAL SPRING .0048/.121.
- ⑥ TERMINAL MATERIAL:
BODY: BRASS, .010/.25 THICK.
SPRING: BE-CU, HEAT TREATED.
BODY PLATING:
30 MICROINCH/.76 MICRON GOLD
OVER 50 MICROINCH /1.27 MICRON
NICKEL IN CONTACT AREA.
SOLDERTAILS: 100u"/2.54u TIN OVER .050u"/1'.27u NICKEL.
SPRING PLATING: GOLD FLASH.

LF SOLDER TAIL:
100u"/2.54u Sn OVER 50u"/1.27u Ni
- ⑦ HOUSING MATERIAL:
FILLED HIGH TEMPERATURE NYLON - COLOR, BLACK.
- ⑧ MATERIAL SAME AS NOTE 6 EXCEPT COMPOSITION OF TIN LEAD
IS 60/40 ON SOLDERTAIL.
- ⑨ PART NUMBER WITH SUFFIX "P" ON DASH NUMBER IS TAPE
AND REEL PACKAGED.
10. TAPE AND REEL PACKAGE PER GES-14-334.
11. TAPE AND REEL PACKAGING FOR 24mm WIDE AND BELOW HAVE
PILOT HOLES ON ONE SIDE OF TAPE ONLY. SIZES ABOVE 24mm
HAVE PILOT HOLE ON BOTH SIDES OF TAPE.
12. MAXIMUM LENGTH OF CONNECTOR FOR TAPE AND REEL
PACKAGING IS 2.50 INCHES LONG.
- ⑬ TAPE AND REEL PACKAGING 24mm TAPE WIDTH, WITH 16mm
POCKET PITCH.
- ⑭ ADD "LF" SUFFIX AT THE END OF PART NUMBER
FOR LEAD FREE OPTION.
- ⑮ THESE PRODUCT MEET EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED
IN GS-22-008.
16. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK
TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER,
INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
- ⑰ "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		title
V					angles linear .XX±.01/.X±.3 .XXX±.0.005/.XX±.13 .XXXX±.0020/.XXX±.051	scale 4:1	30μ"/0.76μ 1X.100 SMT CARD CONNECTOR
				dr	J.SHREINER 11/21/91		dwg no sheet2 of 7 size
				enr	M.HAHN 11/21/91		67898 A3
				chr	M.HAHN 11/21/91		type Product Customer Drawing
				appd	M.HAHN 11/21/91		
sheet index	revision sheet						



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PRODUCT NUMBER	NO. OF POS.	DIM A	DIM B	MATERIAL	TAPE & REEL PACKAGING	LEAD FREE OPTION
67898-001		UNAVAILABLE				NOTE 14, 15
-002	1X2	.100/2.54	.240/6.10	NOTE 1 & 2	NO	
-003	1X3	.200/5.08	.340/8.64	NOTE 1 & 2	NO	
-004	1X4	.300/7.62	.440/11.18	NOTE 1 & 2	NO	
-005	1X5	.400/10.16	.540/13.72	NOTE 1 & 2	NO	
-006	1X6	.500/12.70	.640/16.26	NOTE 1 & 2	NO	
-006P	1X6	.500/12.70	.640/16.26	NOTE 1 & 2	YES	
-007	1X7	.600/15.24	.740/18.80	NOTE 1 & 2	NO	
-008	1X8	.700/17.78	.840/21.34	NOTE 1 & 2	NO	
-009	1X9	.800/20.32	.940/23.88	NOTE 1 & 2	NO	
-010	1X10	.900/22.86	1.040/26.42	NOTE 1 & 2	NO	
-011	1X11	1.000/25.40	1.140/28.96	NOTE 1 & 2	NO	
-012	1X12	1.100/27.94	1.240/31.50	NOTE 1 & 2	NO	
-013	1X13	1.200/30.48	1.340/34.04	NOTE 1 & 2	NO	
-014	1X14	1.300/33.02	1.440/36.58	NOTE 1 & 2	NO	
-015	1X15	1.400/35.56	1.540/39.12	NOTE 1 & 2	NO	
-016	1X16	1.500/38.10	1.640/41.66	NOTE 1 & 2	NO	
-017	1X17	1.600/40.64	1.740/44.20	NOTE 1 & 2	NO	
-018	1X18	1.700/43.18	1.840/46.74	NOTE 1 & 2	NO	
-019	1X19	1.800/45.72	1.940/49.28	NOTE 1 & 2	NO	
-020	1X20	1.900/48.26	2.040/51.82	NOTE 1 & 2	NO	
-021	1X21	2.000/50.80	2.140/54.36	NOTE 1 & 2	NO	
-022	1X22	2.100/53.34	2.240/56.90	NOTE 1 & 2	NO	
-023	1X23	2.200/55.88	2.340/59.44	NOTE 1 & 2	NO	
-024	1X24	2.300/58.42	2.440/61.98	NOTE 1 & 2	NO	
-025	1X25	2.400/60.96	2.540/64.52	NOTE 1 & 2	NO	
-026	1X26	2.500/63.50	2.640/67.06	NOTE 1 & 2	NO	
-027	1X27	2.600/66.04	2.740/69.60	NOTE 1 & 2	NO	
-028	1X28	2.700/68.58	2.840/72.14	NOTE 1 & 2	NO	
-029	1X29	2.800/71.12	2.940/74.68	NOTE 1 & 2	NO	
-030	1X30	2.900/73.66	3.040/77.22	NOTE 1 & 2	NO	
-031	1X31	3.000/76.20	3.140/79.76	NOTE 1 & 2	NO	
-032	1X32	3.100/78.74	3.240/82.30	NOTE 1 & 2	NO	
-033	1X33	3.200/81.28	3.340/84.84	NOTE 1 & 2	NO	
-034	1X34	3.300/83.82	3.440/87.38	NOTE 1 & 2	NO	
-035	1X35	3.400/86.36	3.540/89.92	NOTE 1 & 2	NO	
-036	1X36	3.500/88.90	3.640/92.46	NOTE 1 & 2	NO	
-037	1X37	3.600/91.44	3.740/95.00	NOTE 1 & 2	NO	
-038	1X38	3.700/93.98	3.840/97.54	NOTE 1 & 2	NO	
-039	1X39	3.800/96.52	3.940/100.08	NOTE 1 & 2	NO	
67898-040	1X40	3.900/99.06	4.040/102.62	NOTE 1 & 2	NO	NOTE 14, 15

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					
V						angles	linear	.XX±.01/.X±.3		30μ"/0.76μ 1X.100					
						0'±2'		.XXX±.0.005/.XX±.13		SMT CARD CONNECTOR					
								.XXXX±.0020/.XXX±.051		scale 4:1					
						dr	J.SHREINER	11/21/91							
						enr	M.HAHN	11/21/91							
						chr	M.HAHN	11/21/91							
						appd	M.HAHN	11/21/91							
sheet index		revision sheet										dwg no		sheet 3 of 7 size	
												67898		A3	
												type		Product Customer Drawing	

form: A3



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PRODUCT NUMBER	NO. OF POS.	DIM A	DIM B	MATERIAL	TAPE & REEL PACKAGING	LEAD FREE OPTION
67898-041	1X41	4.000/101.60	4.140/105.16	NOTE 1 & 2	NO	NOTE 14, 15
-042	1X42	4.100/104.14	4.240/107.70	NOTE 1 & 2	NO	
-043	1X43	4.200/106.68	4.340/110.24	NOTE 1 & 2	NO	
-044	1X44	4.300/109.22	4.440/112.78	NOTE 1 & 2	NO	
-045	1X45	4.400/111.76	4.540/115.32	NOTE 1 & 2	NO	
-046	1X46	4.500/114.30	4.640/117.86	NOTE 1 & 2	NO	
-047	1X47	4.600/116.84	4.740/120.40	NOTE 1 & 2	NO	
-048	1X48	4.700/119.38	4.840/122.94	NOTE 1 & 2	NO	
-049	1X49	4.800/121.92	4.940/125.48	NOTE 1 & 2	NO	
-050	1X50	4.900/124.46	5.040/128.02	NOTE 1 & 2	NO	
-051	1X51	5.000/127.00	5.140/130.56	NOTE 1 & 2	NO	
-052	1X52	5.100/129.54	5.240/133.10	NOTE 1 & 2	NO	
-204	1X4	.300/7.62	.440/11.18	NOTE 1,2& 5	NO	
67898-314	1X14	1.300/33.02	1.440/36.58	NOTE 1 & 6	NO	NOTE 14, 15
67898-315	1X15	1.400/35.56	1.540/39.12	NOTE 1 & 6	NO	
67898-320	1X20	1.900/48.26	2.040/51.82	NOTE 1 & 6	NO	

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		30μ"/0.76μ 1X.100
				0°±2'			SMT CARD CONNECTOR
				dr	J.SHREINER 11/21/91		dwg no
				enr	M.HAHN 11/21/91		sheet4 of 7 size
				chr	M.HAHN 11/21/91		67898 A3
				appd	M.HAHN 11/21/91		type Product Customer Drawing
sheet index	revision sheet						



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PRODUCT NUMBER	NO. OF POS.	DIM A	DIM B	MATERIAL	TAPE & REEL PACKAGING	LEAD FREE OPTION
67898-401		UNAVAILABLE				
↑ -402	1X2	.100/2.54	.240/6.10	NOTE 2 & 7	NO	NOTE 14, 15
-403	1X3	.200/5.08	.340/8.64	NOTE 2 & 7	NO	
-404	1X4	.300/7.62	.440/11.18	NOTE 2 & 7	NO	
-405	1X5	.400/10.16	.540/13.72	NOTE 6 & 7	NO	
-406	1X6	.500/12.70	.640/16.26	NOTE 6 & 7	NO	
-407	1X7	.600/15.24	.740/18.80	NOTE 6 & 7	NO	
-408	1X8	.700/17.78	.840/21.34	NOTE 6 & 7	NO	
-409	1X9	.800/20.32	.940/23.88	NOTE 6 & 7	NO	
-410	1X10	.900/22.86	1.040/26.42	NOTE 6 & 7	NO	
-411	1X11	1.000/25.40	1.140/28.96	NOTE 6 & 7	NO	
-412	1X12	1.100/27.94	1.240/31.50	NOTE 6 & 7	NO	
-413	1X13	1.200/30.48	1.340/34.04	NOTE 6 & 7	NO	
-414	1X14	1.300/33.02	1.440/36.58	NOTE 6 & 7	NO	
-415	1X15	1.400/35.56	1.540/39.12	NOTE 6 & 7	NO	
-416	1X16	1.500/38.10	1.640/41.66	NOTE 6 & 7	NO	
-417	1X17	1.600/40.64	1.740/44.20	NOTE 6 & 7	NO	
-418	1X18	1.700/43.18	1.840/46.74	NOTE 6 & 7	NO	
-419	1X19	1.800/45.72	1.940/49.28	NOTE 6 & 7	NO	
-420	1X20	1.900/48.26	2.040/51.82	NOTE 6 & 7	NO	
-421	1X21	2.000/50.80	2.140/54.36	NOTE 6 & 7	NO	
-422	1X22	2.100/53.34	2.240/56.90	NOTE 6 & 7	NO	
-423	1X23	2.200/55.88	2.340/59.44	NOTE 6 & 7	NO	
-424	1X24	2.300/58.42	2.440/61.98	NOTE 6 & 7	NO	
-425	1X25	2.400/60.96	2.540/64.52	NOTE 6 & 7	NO	
-426	1X26	2.500/63.50	2.640/67.06	NOTE 6 & 7	NO	
-427	1X27	2.600/66.04	2.740/69.60	NOTE 6 & 7	NO	
-428	1X28	2.700/68.58	2.840/72.14	NOTE 6 & 7	NO	
-429	1X29	2.800/71.12	2.940/74.68	NOTE 6 & 7	NO	
-430	1X30	2.900/73.66	3.040/77.22	NOTE 6 & 7	NO	
-431	1X31	3.000/76.20	3.140/79.76	NOTE 6 & 7	NO	
-432	1X32	3.100/78.74	3.240/82.30	NOTE 6 & 7	NO	
-433	1X33	3.200/81.28	3.340/84.84	NOTE 6 & 7	NO	
-434	1X34	3.300/83.82	3.440/87.38	NOTE 6 & 7	NO	
-435	1X35	3.400/86.36	3.540/89.92	NOTE 6 & 7	NO	
-436	1X36	3.500/88.90	3.640/92.46	NOTE 6 & 7	NO	
-437	1X37	3.600/91.44	3.740/95.00	NOTE 6 & 7	NO	
-438	1X38	3.700/93.98	3.840/97.54	NOTE 6 & 7	NO	
-439	1X39	3.800/96.52	3.940/100.08	NOTE 6 & 7	NO	
67898-440	1X40	3.900/99.06	4.040/102.62	NOTE 6 & 7	NO	NOTE 14, 15

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			
V						angles	linear	.XX±.01/.X±.3		30μ"/0.76μ 1X.100			
						0'±2'		.XXX±.0.005/.XX±.13		SMT CARD CONNECTOR			
								.XXXX±.0020/.XXX±.051		scale 4:1			
						dr	J.SHREINER	11/21/91		dwg no			
						enr	M.HAHN	11/21/91		sheet 5 of 7 size			
						chr	M.HAHN	11/21/91		67898 A3			
						appd	M.HAHN	11/21/91		type Product Customer Drawing			
sheet index	revision sheet												

form: A3

PRODUCT NUMBER	NO. OF POS.	DIM A	DIM B	MATERIAL	TAPE & REEL PACKAGING	LEAD FREE OPTION
67898-441	1X41	4.000/101.60	4.140/105.16	NOTE 6 & 7	NO	NOTE 14, 15
-442	1X42	4.100/104.14	4.240/107.70	NOTE 6 & 7	NO	
-443	1X43	4.200/106.68	4.340/110.24	NOTE 6 & 7	NO	
-444	1X44	4.300/109.22	4.440/112.78	NOTE 6 & 7	NO	
-445	1X45	4.400/111.76	4.540/115.32	NOTE 6 & 7	NO	
-446	1X46	4.500/114.30	4.640/117.86	NOTE 6 & 7	NO	
-447	1X47	4.600/116.84	4.740/120.40	NOTE 6 & 7	NO	
-448	1X48	4.700/119.38	4.840/122.94	NOTE 6 & 7	NO	
-449	1X49	4.800/121.92	4.940/125.48	NOTE 6 & 7	NO	
67898-450	1X50	4.900/124.46	5.040/128.02	NOTE 6 & 7	NO	

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 30μ"/0.76μ 1X.100 SMT CARD CONNECTOR
V					linear .XX±.01/.X±.3 .XXX±.0.005/.XX±.13 .XXXX±.0020/.XXX±.051		dwg no 67898
					0'±2'		sheet6 of 7 size A3
				dr	J.SHREINER 11/21/91		
				enr	M.HAHN 11/21/91		
				chr	M.HAHN 11/21/91		
				appd	M.HAHN 11/21/91		
sheet index	revision sheet						type Product Customer Drawing

form: A3



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form: A3

PRODUCT NUMBER	NO. OF POS.	DIM A	DIM B	MATERIAL	TAPE&REEL PACKAGING	LEAD FREE OPTION
67898-601		UNAVAILABLE				
-602	1X2	.100/2.54	.240/6.10	NOTE 1 & 2	NO	NOTE 14, 15
-603	1X3	.200/5.08	.340/8.64			
-604	1X4	.300/7.62	.440/11.18			
-605	1X5	.400/10.16	.540/13.72			
-606	1X6	.500/12.70	.640/16.26	NOTE 1 & 8	NO	
-607	1X7	.600/15.24	.740/18.80	NOTE 1 & 8	NO	
-608	1X8	.700/17.78	.840/21.34	NOTE 1 & 8	NO	
-609	1X9	.800/20.32	.940/23.88	NOTE 1 & 8	NO	
-610	1X10	.900/22.86	1.040/26.42	NOTE 1 & 8	NO	
-611	1X11	1.000/25.40	1.140/28.96	NOTE 1 & 8	NO	
-612	1X12	1.100/27.94	1.240/31.50	NOTE 1 & 8	NO	NOTE 14, 15
-613	1X13	1.200/30.48	1.340/34.04	NOTE 1 & 8	NO	
-614	1X14	1.300/33.02	1.440/36.58	NOTE 1 & 8	NO	
-615	1X15	1.400/35.56	1.540/39.12	NOTE 1 & 8	NO	
-616	1X16	1.500/38.10	1.640/41.66	NOTE 1 & 8	NO	
-617	1X17	1.600/40.64	1.740/44.20	NOTE 1 & 8	NO	
-618	1X18	1.700/43.18	1.840/46.74	NOTE 1 & 8	NO	
-619	1X19	1.800/45.72	1.940/49.28	NOTE 1 & 8	NO	
-620	1X20	1.900/48.26	2.040/51.82	NOTE 1 & 8	NO	
-621	1X21	2.000/50.80	2.140/54.36	NOTE 1 & 8	NO	NOTE 14, 15
-622	1X22	2.100/53.34	2.240/56.90	NOTE 1 & 8	NO	
-623	1X23	2.200/55.88	2.340/59.44	NOTE 1 & 8	NO	
-624	1X24	2.300/58.42	2.440/61.98	NOTE 1 & 8	NO	
-625	1X25	2.400/60.96	2.540/64.52	NOTE 1 & 8	NO	
-626	1X26	2.500/63.50	2.640/67.06	NOTE 1 & 8	NO	
-627	1X27	2.600/66.04	2.740/69.60	NOTE 1 & 8	NO	
-628	1X28	2.700/68.58	2.840/72.14	NOTE 1 & 8	NO	
-629	1X29	2.800/71.12	2.940/74.68	NOTE 1 & 8	NO	
-630	1X30	2.900/73.66	3.040/77.22	NOTE 1 & 8	NO	
-631	1X31	3.000/76.20	3.140/79.76	NOTE 1 & 8	NO	NOTE 14, 15
-632	1X32	3.100/78.74	3.240/82.30	NOTE 1 & 8	NO	
-633	1X33	3.200/81.28	3.340/84.84	NOTE 1 & 8	NO	
-634	1X34	3.300/83.82	3.440/87.38	NOTE 1 & 8	NO	
-635	1X35	3.400/86.36	3.540/89.92	NOTE 1 & 8	NO	
-636	1X36	3.500/88.90	3.640/92.46	NOTE 1 & 8	NO	
-637	1X37	3.600/91.44	3.740/95.00	NOTE 1 & 8	NO	
-638	1X38	3.700/93.98	3.840/97.54	NOTE 1 & 8	NO	
-639	1X39	3.800/96.52	3.940/100.08	NOTE 1 & 8	NO	
67898-640	1X40	3.900/99.06	4.040/102.62	NOTE 1 & 8	NO	

PRODUCT NO.	NO. OF POS.	DIM A	DIM B	MATERIAL	TAPE & REEL PACKAGING	LEAD FREE OPTION
67898-641	1X41	4.000/101.60	4.140/105.16	NOTE 1 & 8	NO	NOTE 14, 15
-642	1X42	4.100/104.14	4.240/107.70	NOTE 1 & 8	NO	
-643	1X43	4.200/106.68	4.340/110.24	NOTE 1 & 8	NO	
-644	1X44	4.300/109.22	4.440/112.78	NOTE 1 & 8	NO	
-645	1X45	4.400/111.76	4.540/115.32	NOTE 1 & 8	NO	
-646	1X46	4.500/114.30	4.640/117.86	NOTE 1 & 8	NO	
-647	1X47	4.600/116.84	4.740/120.40	NOTE 1 & 8	NO	
-648	1X48	4.700/119.38	4.840/122.94	NOTE 1 & 8	NO	
-649	1X49	4.800/121.92	4.940/125.48	NOTE 1 & 8	NO	
-650	1X50	4.900/124.46	5.040/128.02	NOTE 1 & 8	NO	
-651	1X51	5.000/127.00	5.140/130.56	NOTE 1 & 8	NO	NOTE 14, 15
67898-652	1X52	5.100/129.54	5.240/133.10	NOTE 1 & 8	NO	

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		30μ"/0.76μ 1X.100
					0'±2'		SMT CARD CONNECTOR
				dr	J.SHREINER 11/21/91		dwg no
				enr	M.HAHN 11/21/91		sheet 7 of 7 size
				chr	M.HAHN 11/21/91		67898 A3
				appd	M.HAHN 11/21/91		type Product Customer Drawing
sheet index	revision sheet						