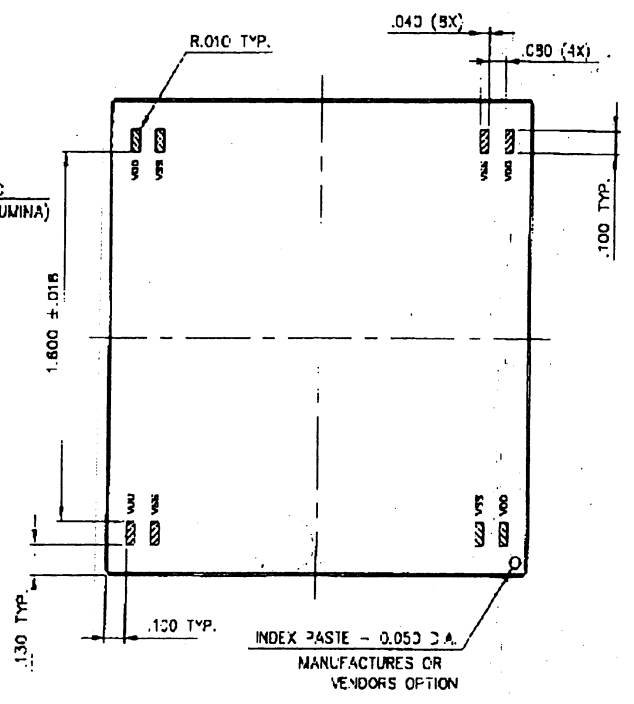
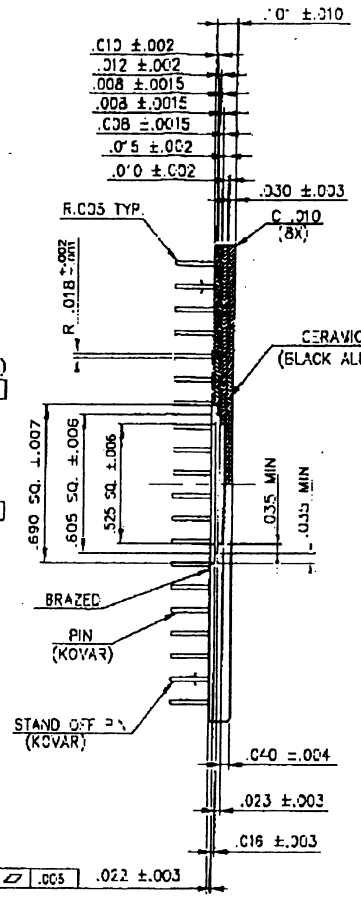
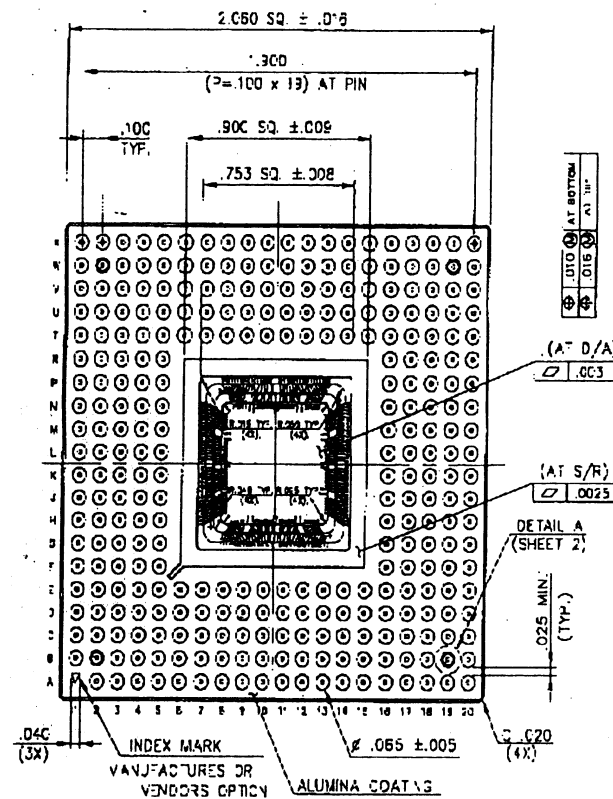


# SSM P/N CPG29901



REVISIONS		
NO.	DESCRIPTION	DATE
1	REVISED GRID LETTERS	7-20-97
2	REVISED NICK DRAWING NUMBER FROM 1794-B TO 1794-E	8-11-99

- NOTES:
- SCREENED METALLIZATION RESISTANCE: 10mΩ
  - LEAD RESISTANCE (NEAREST PIN TO PAD)
    - VDD4, 8, 12, 16, VSS1-12 ----- 75mΩ MAX.
    - VDD1-3, 5-7, 9-11, 13-15 ----- 200mΩ MAX.
    - ALL OTHERS ----- 300mΩ MAX.
  - MATERIALS SHALL CONFORM TO LATEST REVISION AT TIME OF PURCHASE.
  - ALL VIAS TO BE SOLIC SUCH THAT VOIDING VIA WILL NOT REDUCE THE VIA CROSS SECTION BY GREATER THAN 20% OF VIA DIAMETER, (3/76 VIAS 3% LTPD)
  - D/A PAD TO BE ELECTRICALLY NO CONNECTION S/R SOLATED.
  - GOLD PLATE 60μ INCHES MIN OVER 100μ INCHES MIN NICKEL.
  - 
  - EQUIVALENT TO NICK DRAWING # 1FK9F1-1794-B

Controlling Units millimeters <input type="checkbox"/> inches <input checked="" type="checkbox"/>	FJ Drawn	5-16-97 Date	<b>CPG29901</b>	
	Chsk	8-16-99 Date		
Approved	Date	Case sent	Size <b>B</b>	Drawing No.
Approved	Date	Scale 2:1	Case Title No. 0590P<3	Sheet 1 of 2



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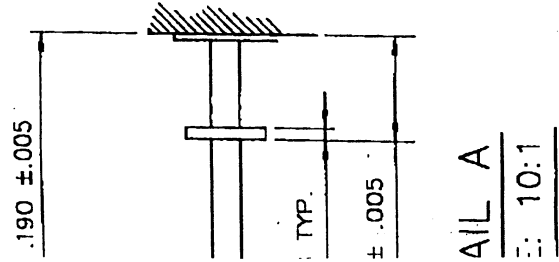
SSM P/N CPG29901

ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN MILLIMETERS. DIMENSIONS IN PARENTHESES ARE IN INCHES. ALL DIMENSIONS ARE TO BE TAKEN TO THE CENTER OF THE PIN. ALL DIMENSIONS ARE TO BE TAKEN TO THE CENTER OF THE PIN. ALL DIMENSIONS ARE TO BE TAKEN TO THE CENTER OF THE PIN.

REV	DESCRIPTION	DATE	APPROVAL

PAD	PIN NO.	PAD	PIN NO.	PAD	PIN NO.	PAD	PIN NO.	PAD	PIN NO.	PAD	PIN NO.	PAD	PIN NO.	PAD	PIN NO.
1	C3	56	D16	111	N16	164	W10	184	X4	204	T4	224	L4	244	F4
2	E5	57	D14	112	R20	165	V10	185	U7	205	T5	225	L5	245	F5
3	B3	58	C17	113	P18	166	W9	186	U5	206	T3	226	L6	246	F6
4	E6	59	E14	114	R19	167	V9	187	U7	207	T7	227	L7	247	F7
5	C4	60	B18	115	T20	168	W8	188	V4	208	T4	228	L8	248	F8
6	D6	61	D15	116	R18	169	U9	189	U6	209	T5	229	L9	249	F9
7	D5	62	B19	117	T19	170	X7	190	U3	210	T4	230	L3	250	F10
8	E7	63	E15	118	U20	171	T9	191	U5	211	T3	231	L4	251	F11
9	B4	64	D17	119	T18	172	V8	192	U6	212	T4	232	L5	252	F12
10	C5	65	C18	120	U19	173	U8	193	U4	213	T5	233	L6	253	F13
11	B5	66	E16	121	P17	174	W7	194	U6	214	T6	234	L7	254	F14
12	A5	67	C19	122	T17	175	T8	195	U7	215	T7	235	L8	255	F15
13	C6	68	F16	123	P16	176	X6	196	U5	216	T8	236	L9	256	F16
14	B6	69	D18	124	U18	177	V7	197	U7	217	T9	237	L10	257	F17
15	D7	70	F17	125	R17	178	W6	198	U8	218	T10	238	L11	258	F18
16	A6	71	E17	126	V19	179	X5	199	U9	219	T11	239	L12	259	F19
17	C7	72	G16	127	R16	180	V6	200	U5	220	T12	240	L13	260	F20
18	E8	73	Q19	128	V18	181	W5	201	U6	221	T13	241	L14	261	F21
19	B7	74	F18	129	U17	182	X4	202	U7	222	T14	242	L15	262	F22
20	D8	75	G20	130	T16	183	V5	203	U8	223	T15	243	L16	263	F23
21	A7	76	F19	131	W19	184	W4	204	U9	224	T16	244	L17	264	F24
22	E9	77	F18	132	T15	185	U7	205	U10	225	T17	245	L18	265	F25
23	C8	78	E20	133	W18	186	U5	206	U11	226	T18	246	L19	266	F26
24	D9	79	G17	134	U15	187	T7	207	U12	227	T19	247	L20	267	F27
25	B8	80	F19	135	V17	188	V4	208	U13	228	T20	248	L21	268	F28
26	C9	81	H16	136	T14	189	U6	209	U14	229	T21	249	L22	269	F29
27	A8	82	G18	137	U16	190	W3	210	U15	230	T22	250	L23	270	F30
28	C10	83	H17	138	W17	191	T6	211	U16	231	T23	251	L24	271	F31
29	B9	84	F20	139	V16	192	V3	212	U17	232	T24	252	L25	272	F32
30	E10	85	J16	140	W16	193	U4	213	U18	233	T25	253	L26	273	F33
31	B10	86	G19	141	X16	194	T5	214	U19	234	T26	254	L27	274	F34
32	D10	87	J17	142	V15	195	W2	215	U20	235	T27	255	L28	275	F35
33	B11	88	H18	143	W15	196	R5	216	U21	236	T28	256	L29	276	F36
34	D11	89	J18	144	U14	197	V2	217	U22	237	T29	257	L30	277	F37
35	B12	90	G20	145	T13	198	R4	218	U23	238	T30	258	L31	278	F38
36	E11	91	K18	146	X15	199	U3	219	U24	239	T31	259	L32	279	F39
37	B13	92	H19	147	U13	200	P5	220	U25	240	T32	260	L33	280	F40
38	C11	93	K16	148	V14	201	T4	221	U26	241	T33	261	L34	281	F41
39	A14	94	J19	149	T12	202	U2	222	U27	242	T34	262	L35	282	F42
40	C12	95	K17	150	W14	203	T3	223	U28	243	T35	263	L36	283	F43
41	C13	96	K19	151	U12	204	U1	224	U29	244	T36	264	L37	284	F44
42	D12	97	L17	152	X14	205	T2	225	U30	245	T37	265	L38	285	F45
43	B14	98	L19	153	V12	206	R3	226	U31	246	T38	266	L39	286	F46
44	E12	99	L16	154	V13	207	T1	227	U32	247	T39	267	L40	287	F47
45	A15	100	M19	155	V11	208	P4	228	U33	248	T40	268	L41	288	F48
46	D13	101	L18	156	W13	209	R2	229	U34	249	T41	269	L42	289	F49
47	C14	102	N20	157	T11	210	N5	230	U35	250	T42	270	L43	290	F50
48	E13	103	M18	158	X13	211	P3	231	U36	251	T43	271	L44	291	F51
49	B15	104	N19	159	U11	212	N4	232	U37	252	T44	272	L45	292	F52
50	A16	105	M17	160	W12	213	R1	233	U38	253	T45	273	L46	293	F53
51	C15	106	P20	161	U10	214	N6	234	U39	254	T46	274	L47	294	F54
52	B16	107	M16	162	W11	215	N7	235	U40	255	T47	275	L48	295	F55
53	A17	108	N18	163	T10	216	N8	236	U41	256	T48	276	L49	296	F56
54	C16	109	N17												
55	B17	110	P19												

V00A,B	A3,A9,A11,A13,A18,A20,C20, J20,L20,V20,X20,X18,X12, X10,X8,X2,W1,M1,K1,D1,B1
VSSA,B,C	A2,A4,A10,A12,A19,B20,H20, K20,M20,W20,X19,X17,X11 X9,X3,X1,V1,N1,L1,J1,C1

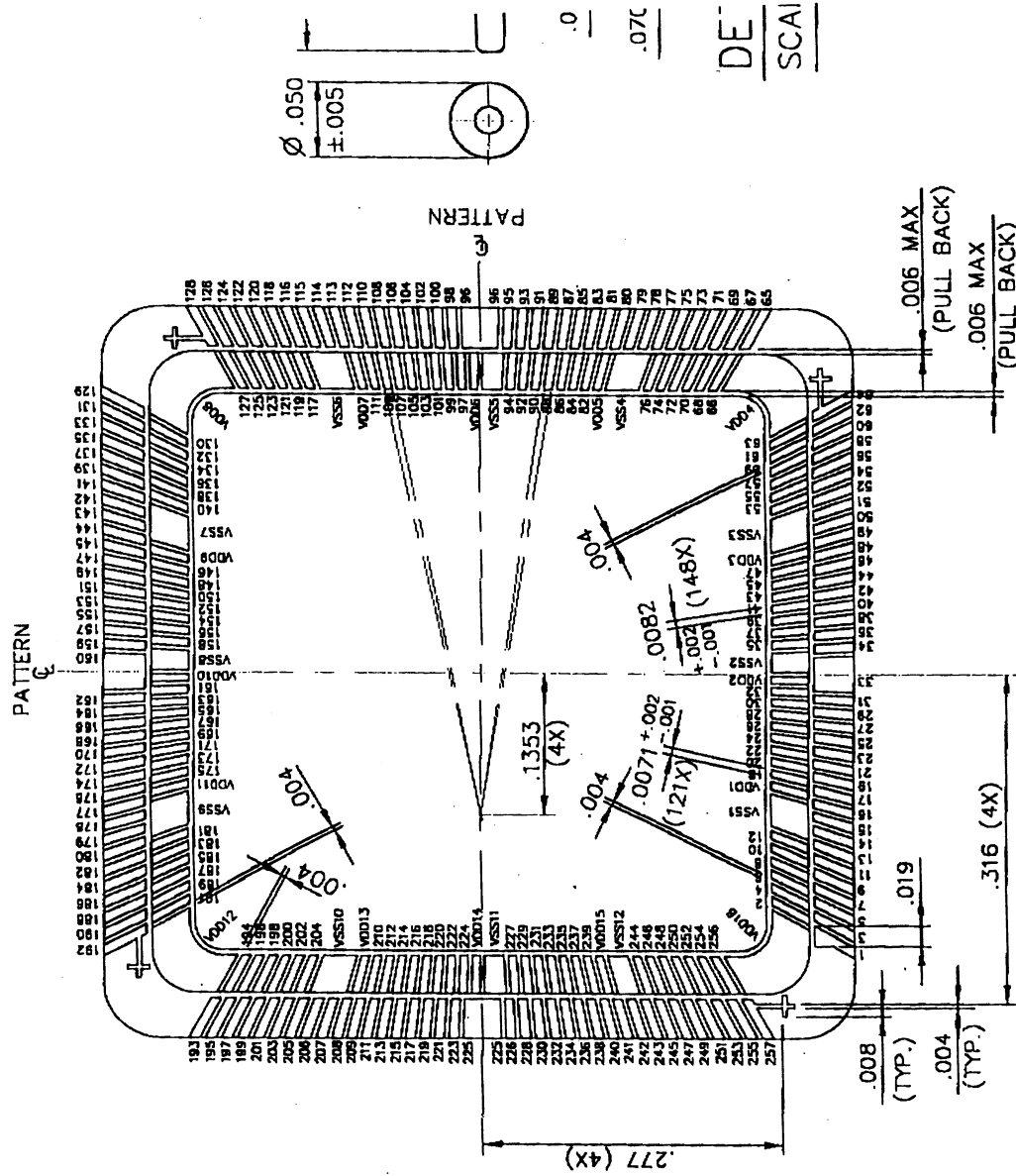


F (M-4)

Contrasting Units millimeters <input type="checkbox"/> <input checked="" type="checkbox"/> inches X=±.1 XX=±.02 XXX=±.005 XXXX=±.002 Angles=±2	P/J Date 5-16-97 Date 5-19-97	AMERICAN MICROSYSTEMS, INC. 2300 Suckskin Rd., Pleasanton, CA 94501	
	Drawn by Approved by	Scale AS NOTED Drawing No. 299 CPGA Drawing No. 6300590	CAU File No. 0590PKA Sheet 2 of 2

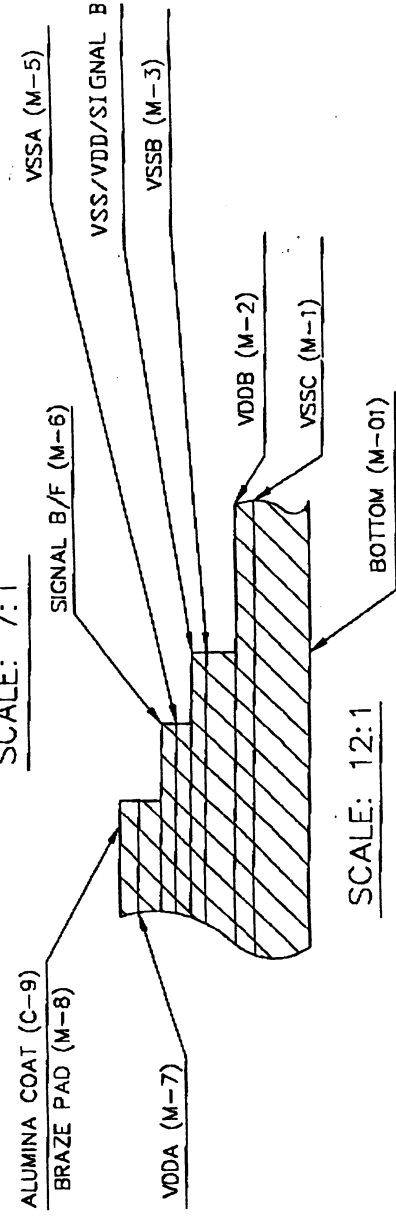


SSM P/N CPG29901



WIREBOND PATTERN

SCALE: 7:1



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