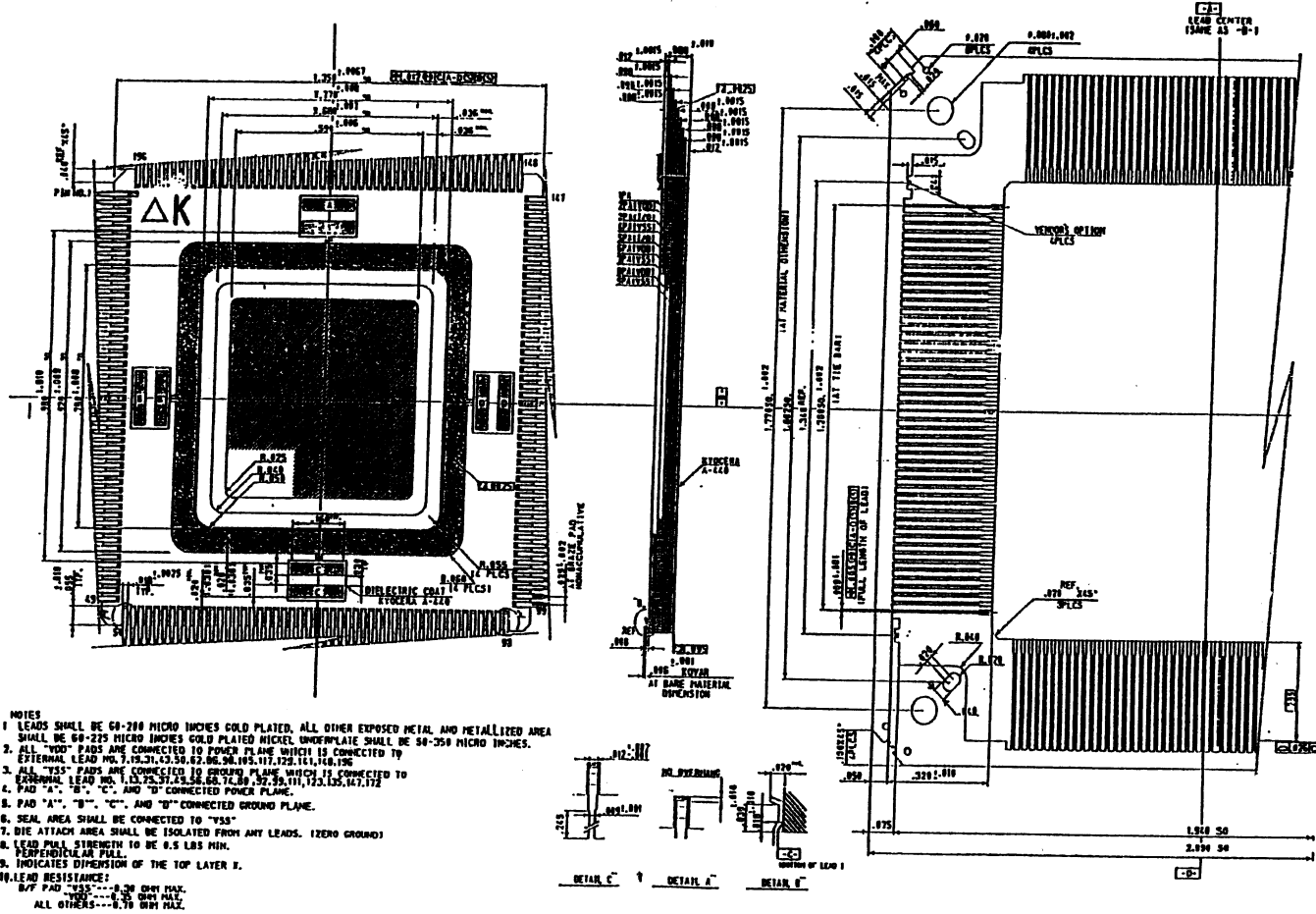


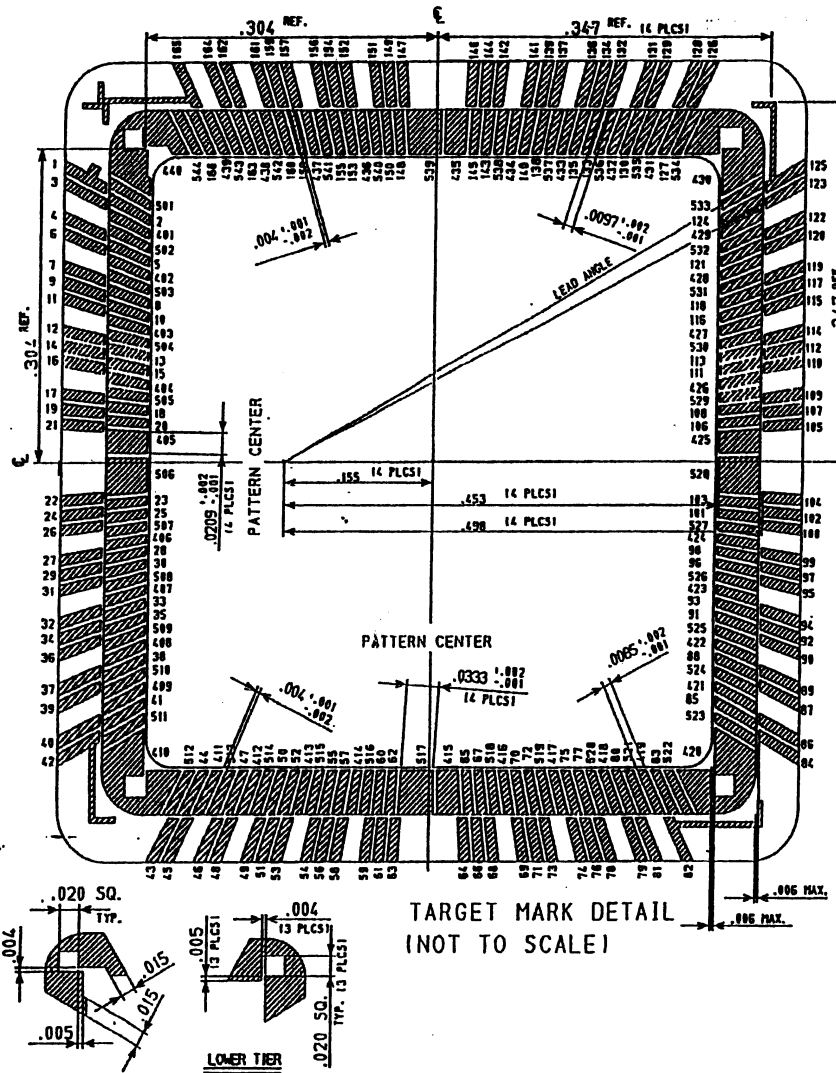
SSM P/N CCF19613



UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES		TITLE	
2000 +/- .005		196 CERAMIC LEADED CHIP CARRIER	
3000 +/- .001		CODE SQ	CAMTY 0.590
2500 +/- .0005		DWG NO. JA01-000367-00	REV. 0
		SCALE	SHEET 1 of 3



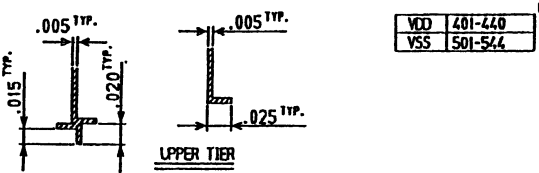
SSM P/N CCF19613



WIRE BONDING DETAIL

UPPER TIER		LEAD ORIGIN 0.450	LEAD SPACING 0.004	LEAD WIDTH 0.0057							
LEAD NUMBER	LEAD ANGLE	LEAD CENTER	LEAD START	LEAD END							
21	22	63	64	104	105	146	147	3.941	0.0343	0.0294	0.0392
19	24	61	66	102	107	144	149	5.514	0.0481	0.0432	0.0530
17	26	59	69	100	109	142	151	7.083	0.0619	0.0570	0.0668
16	27	58	69	99	110	141	152	10.207	0.0897	0.0848	0.0946
14	29	56	71	97	112	139	154	11.759	0.1037	0.0987	0.1087
12	31	54	73	95	114	137	156	13.303	0.1177	0.1127	0.1227
11	32	53	74	94	115	136	157	16.361	0.1462	0.1411	0.1513
9	34	51	76	92	117	134	159	17.874	0.1606	0.1555	0.1657
7	36	49	78	90	119	132	161	19.375	0.1751	0.1700	0.1802
6	37	48	79	89	120	131	162	22.335	0.2046	0.1992	0.2096
4	39	46	81	87	122	129	164	23.793	0.2196	0.2143	0.2249
3	40	45	82	86	123	128	165	26.652	0.2501	0.2447	0.2555
1	42	43	-	84	125	126	-	28.071	0.2656	0.2601	0.2711

LOWER TIER		LEAD ORIGIN 0.453	LEAD SPACING 0.004	LEAD WIDTH 0.00847							
LEAD NUMBER	LEAD ANGLE	LEAD CENTER	LEAD START	LEAD END							
-	506	517	-	528	-	539	0.000	0.0000	-0.0042	0.0042	
405	506	517	415	528	425	435	539	1.577	0.0125	0.0083	0.0167
405	506	517	415	528	425	435	539	3.153	0.0250	0.0208	0.0252
20	23	62	65	103	106	145	148	4.727	0.0375	0.0333	0.0417
18	25	60	67	101	108	143	150	6.298	0.0500	0.0457	0.0543
505	507	516	518	527	529	538	540	7.865	0.0626	0.0583	0.0669
404	406	414	416	424	426	434	436	9.427	0.0752	0.0709	0.0795
15	28	57	70	99	111	140	153	10.992	0.0879	0.0836	0.0922
13	30	55	72	96	113	138	155	12.530	0.1007	0.0964	0.1050
504	508	515	519	526	530	537	541	14.069	0.1136	0.1091	0.1179
403	407	413	417	423	427	433	437	15.598	0.1265	0.1221	0.1309
10	33	52	75	93	116	135	158	17.117	0.1395	0.1351	0.1439
8	35	50	77	91	118	133	160	18.624	0.1527	0.1482	0.1572
503	509	514	520	525	531	536	542	20.118	0.1659	0.1614	0.1704
402	408	412	418	422	428	432	438	21.598	0.1793	0.1747	0.1839
5	38	47	80	88	121	130	163	23.064	0.1929	0.1883	0.1975
502	510	513	521	524	532	535	543	24.515	0.2066	0.2019	0.2113
401	409	411	419	421	429	431	439	25.949	0.2204	0.2157	0.2251
2	41	44	83	85	124	127	166	27.367	0.2345	0.2297	0.2393
501	511	512	522	523	533	534	544	28.767	0.2487	0.2439	0.2536
440	410	410	420	420	430	430	440	30.149	0.2631	0.2582	-



VDD	401-440
VSS	501-544

UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES	
DRAWN	DATE
APPROVAL	DATE
OWNER	DATE
TITLE: 196 CERAMIC LEADED CHIP CARRIER	
CODE SQ	CAVITY 0.500
DWG NO. JA01-000367-00	REV. 0



SSM P/N CCF19613

LEAD/BOND INTERCONNECTION TABLE

OUTER LEAD	INNER BOND	OUTER LEAD	INNER BOND	OUTER LEAD	INNER BOND	OUTER LEAD	INNER BOND	OUTER LEAD	INNER BOND	OUTER LEAD	INNER BOND	OUTER LEAD	INNER BOND	OUTER LEAD	INNER BOND
1	VSS	27	27	83	43	79	65	105	VDD	131	107	157	129	183	154
2	1	28	23	84	44	80	VSS	106	86	132	108	158	130	184	155
3	2	29	24	85	45	81	86	107	87	133	109	159	131	185	156
4	3	30	25	86	VSS	82	67	108	88	134	110	160	132	186	157
5	4	31	VDD	87	46	83	68	109	89	135	VSS	161	133	187	158
6	5	32	26	88	47	84	69	110	90	136	111	162	134	188	159
7	VDD	33	27	89	48	85	70	111	VSS	137	112	163	135	189	160
8	6	34	28	90	49	86	VDD	112	91	138	113	164	136	190	161
9	7	35	29	91	50	87	71	113	92	139	114	165	137	191	162
10	8	36	30	92	VDD	88	72	114	93	140	115	166	138	192	163
11	9	37	VSS	93	51	89	73	115	94	141	VDD	167	139	193	164
12	10	38	31	94	52	90	74	116	95	142	116	168	140	194	165
13	VSS	39	32	95	53	91	75	117	VDD	143	117	169	141	195	166
14	11	40	33	96	54	92	VSS	118	96	144	118	170	142	196	VDD
15	12	41	34	97	55	93	76	119	97	145	119	171	143		
16	13	42	35	98	VSS	94	77	120	98	146	120	172	VSS		
17	14	43	VDD	99	56	95	78	121	99	147	VSS	173	144		
18	15	44	36	100	57	96	79	122	100	148	VDD	174	145		
19	VDD	45	37	101	58	97	80	123	VSS	149	121	175	146		
20	16	46	38	102	59	98	VDD	124	101	150	122	176	147		
21	17	47	39	103	60	99	VSS	125	102	151	123	177	148		
22	18	48	40	104	VSS	100	81	126	103	152	124	178	149		
23	19	49	VSS	105	61	101	82	127	104	153	125	179	150		
24	20	50	VDD	106	62	102	83	128	105	154	126	180	151		
25	VSS	51	41	107	63	103	84	129	VDD	155	127	181	152		
26	21	52	42	108	64	104	85	130	106	156	128	182	153		

VDD : 401-440
VSS : 501-544

UNLESS OTHERWISE SPECIFIED		TITLE	
DIMENSIONAL TOLERANCES		196 CERAMIC LEADED CHIP CARRIER	
DRAWN	DATE	CODE	CAVITY 0.590
APPROVAL	DATE	DWG NO. JA01-000367-00	REV. 0
ENGINEER	DATE	SCALE	SHEET
JCF	12-27-92		3 of 3

