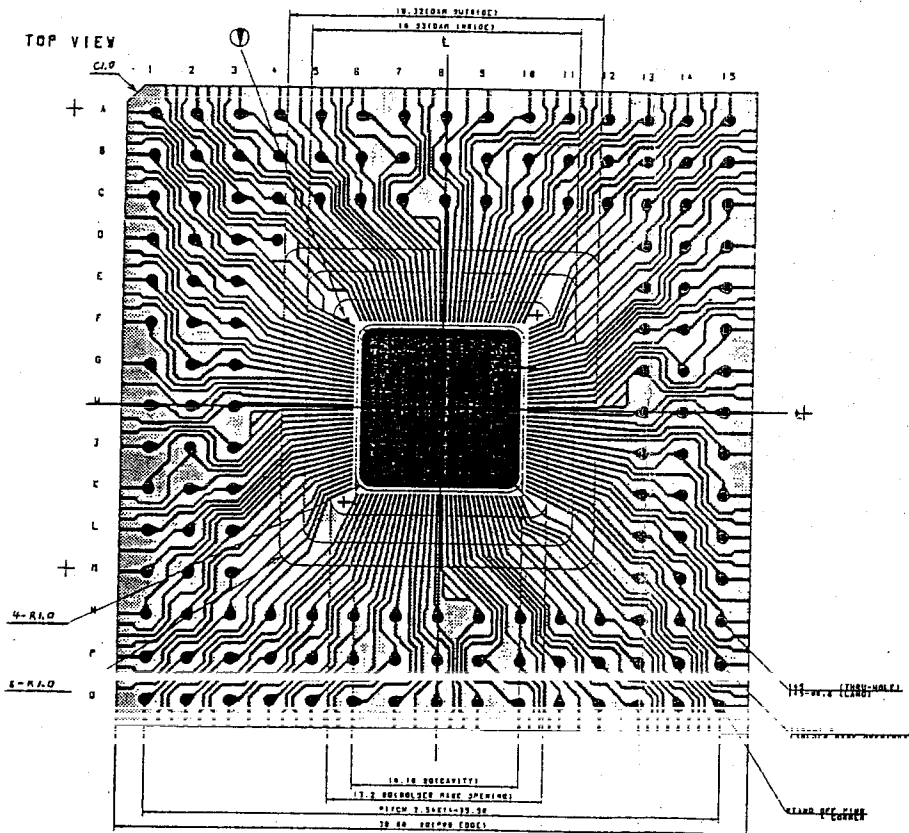
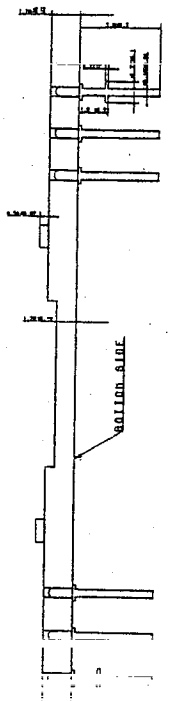


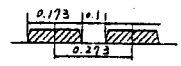
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CROSS SECTION



NOTE

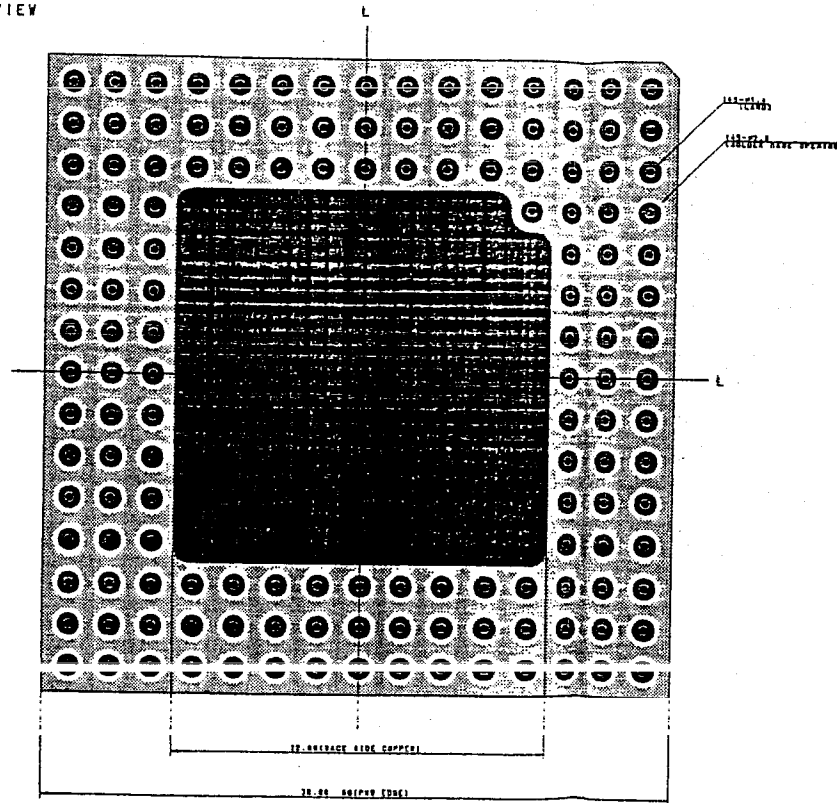
1. BASE MATERIAL : GLASS BT RESIN
HIGH TEMP BLACK GLASS EPOXY
THICKNESS : 1.64 ± 0.05 mm
COPPER FOIL : 18 μm
2. TOTAL THICKNESS : 1.76 ± 0.05 mm
3. PLATING
COPPER : 10 μm MIN.
NICKEL : 5 μm MIN.
GOLD : 0.5 μm MIN. (SOFT GOLD)
GOLD THICKNESS CHECK POINT : MARKED Ⓞ
4. BONDING PADS

5. SIGNAL LEADS : WIDTH 0.15 TYP
SPACE 0.1 TYP
6. SOLDER MASK IS SHOWN BY RETICULATE PATTERN.
7. CAVITY SIZE : 10.16 ± 0.05 mm
SPACING BETWEEN BONDING PAD AND CAVITY : 0.2 TYP
CORNER RADIUS : R 1.0
8. TOLERANCE

	POSITION TOL.	TOL. (ITSELF)
PATTERN (CIRCUIT)	±0.15	±0.05
SOLDER MASK	±0.3	
P.V.B. EDGE	±0.1	±0.1
ROUTING	±0.1	±0.1
9. I/O PIN MATERIAL : K0VAR : PHOSPHOR BRONZE
PLATING : GOLD : 0.5 μm MIN.
NICKEL : 0.5 μm MIN.
TIN-LEAD (90/10) : 1 μm MIN. (SOLDER)
(60/40) : 1 μm MIN. (SOLDER)
10. PIN FULL STRENGTH : # Kg MIN. SOLDERED PIN.



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BOTTOM VIEW



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BONDING PAD NO	PIN NO	BONDING PAD NO	PIN NO	BONDING PAD NO	PIN NO
1	D3	51	Q7	101	D14
2	C2	52	P8	102	E13
3	B1	53	Q8	103	C14
4	D2	54	N8	104	B15
5	F3	55	N9	105	D13
6	C1	56	Q9	106	C13
7	E2	57	Q10	107	B14
8	D1	58	P9	108	A15
9	F1	59	P10	109	C12
10	F2	60	N10	110	B13
11	E1	61	Q11	111	A14
12	G2	62	P11	112	B12
13	G3	63	Q12	113	C11
14	F1	64	Q13	114	A13
15	G1	65	P12	115	B11
16	H2	66	N11	116	A12
17	H1	67	P13	117	C10
18	H3	68	Q14	118	B10
19	J3	69	N12	119	A11
20	J1	70	N13	120	B9
21	K1	71	P14	121	C9
22	J2	72	Q15	122	A10
23	K2	73	M13	123	A9
24	K3	74	N14	124	B8
25	L1	75	P15	125	A8
26	L2	76	M14	126	C8
27	M1	77	L13	127	C7
28	N1	78	N15	128	A7
29	M2	79	L14	129	A6
30	L3	80	M15	130	B7
31	N2	81	K13	131	B6
32	P1	82	K14	132	C6
33	M3	83	L15	133	A5
34	N3	84	J14	134	B5
35	P2	85	J13	135	A4
36	Q1	86	K15	136	A3
37	N4	87	J15	137	B4
38	P3	88	H14	138	C5
39	O2	89	H15	139	B3
40	P4	90	H13	140	A2
41	N5	91	G13	141	C4
42	O3	92	G15	142	C3
43	F5	93	F15	143	B2
44	O4	94	R14	144	A1
45	F6	95	F14	145	C1
46	F7	96	F13	146	B1
47	O5	97	F15	147	E1
48	P7	98	F14	148	D1
49	N7	99	D15	149	C1
50	Q6	100	C15	150	B1

