



NOTES:

1. GOLD PLATE 60μ INCHES MIN OVER 100μ INCHES MIN NICKEL.
2. NO LEAD TO BE ELECTRICALLY CONNECTED TO THE DIE ATTACH PAD. SEAL RING ISOLATED.
3. LEAD RESISTANCE :
PAD NO.1.11.22.32.43.53.64.74 ---- $300m\Omega$ MAX.
ALL OTHERS ---- $600m\Omega$ MAX.
4. EXTRA PIN NO CONNECTED.
5. SEAL AREA AND DIE ATTACH AREA TO BE METALLIZED.

DRAWING APPROVAL
APPROVED BY
NTK SEMICONDUCTOR COMPONENTS DIVISION



MODIFIED DWG NO. IPK84F1-8396E

3	STAND OFF PIN	KOVAR			
2	PIN	KOVAR			
1	CERAMIC	BLACK ALUMINA			
Item	Name	Material	Description	Rev.	Description
UNLESS OTHERWISE SPECIFIED TOLERANCES: $\pm 1\%$					
N. L. T. 2 DECIMALS. XX $\pm .01$					
3 DECIMALS. XXX $\pm .005$					
CUSTOMER	SPECTRUM		APPROVED	TITLE	
DWG NO.			UNIT	84 PIN GRID AR	
			SCALE	DWG NO.	
				IPK84F1-8396G	

PART NO.

SHEET 1 OF 4

CONNECTION TABLE

PAD	PIN	PAD	PIN	PAD	PIN	PAD	PIN
1	B2	22	K2	43	K10	64	B10
2	C2	23	K3	44	J10	65	B9
3	B1	24	L2	45	K11	66	A10
4	C1	25	L3	46	J11	67	A9
5	D2	26	K4	47	H10	68	B8
6	D1	27	L4	48	H11	69	A8
7	E3	28	J5	49	F10	70	B6
8	E2	29	K5	50	G10	71	B7
9	E1	30	L5	51	G11	72	A7
10	F2	31	K6	52	G9	73	C7
11	F3	32	J6	53	F9	74	C6
12	G3	33	J7	54	F11	75	A6
13	G1	34	L7	55	E11	76	A5
14	G2	35	K7	56	E10	77	B5
15	F1	36	L6	57	E9	78	C5
16	H1	37	L8	58	D11	79	A4
17	H2	38	K8	59	D10	80	B4
18	J1	39	L9	60	C11	81	A3
19	K1	40	L10	61	B11	82	A2
20	J2	41	K9	62	C10	83	B3
21	L1	42	L11	63	A11	84	A1



DRAWING FOR APPROVAL
 APPROVED BY _____
 WTK SEMI-CONDUCTOR DEPARTMENTS DIVISION

NEW DRAWING	SEP.-04 -1997
Rev.	Description

UNLESS OTHERWISE SPECIFIED TOLERANCES: ± %	DRAWN T. TORII	NTK TECHNICAL CERAMICS
N. L. T. 3 DECIMALS. XX ± 01	CHECKED <i>Kobu</i>	NGK SPARK PLUG CO., LTD.
3 DECIMALS. XXX ± 005	APPROVED <i>S. NAKAZAKI</i>	TITLE
CUSTOMER SPECTRUM	UNIT INCH	CONNECTION TABLE
DWG NO.	SCALE /	DWG NO. IPK84F1-8396G
		SIZE A-2 (C)

FILED NO. IPK84F1-8396E