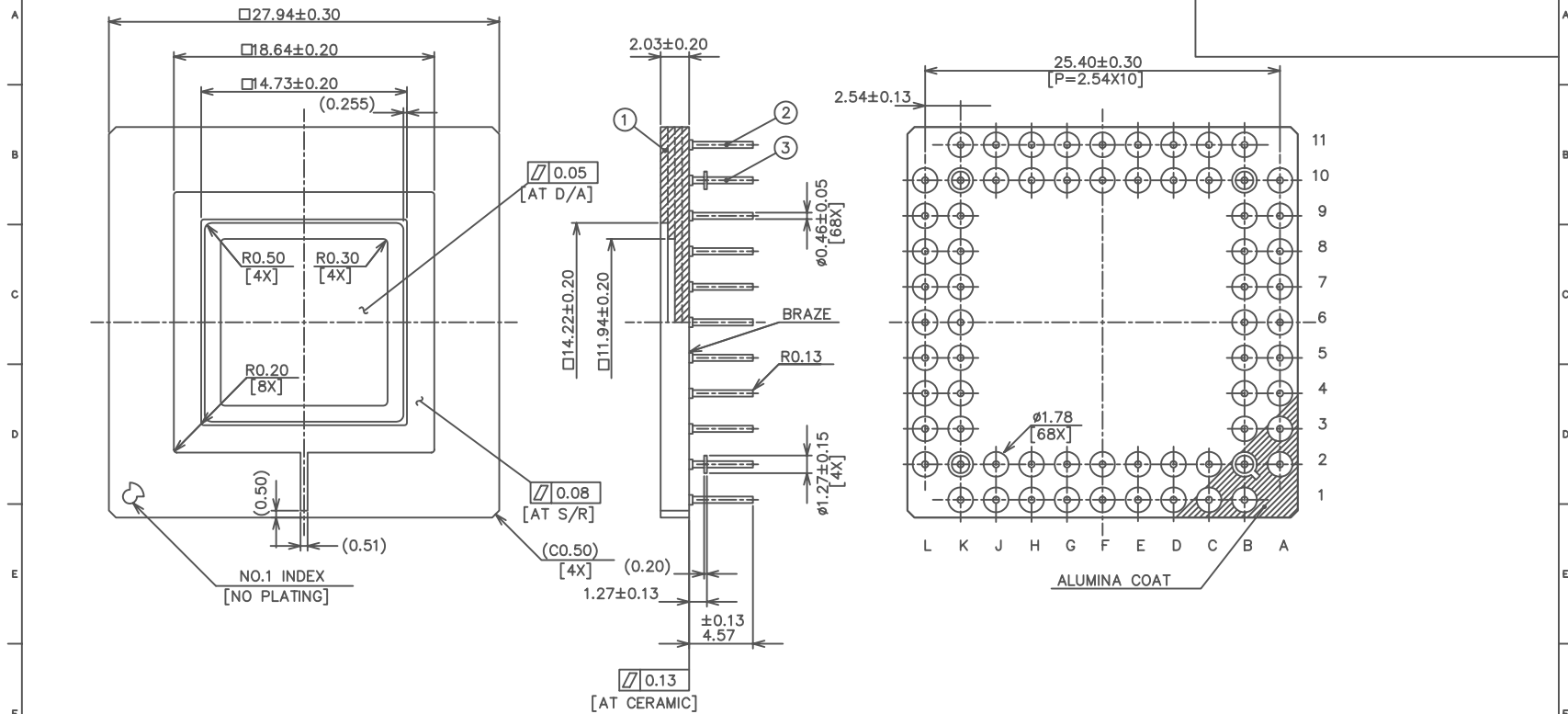


NTK

LATEST REVISION'S DESCRIPTION



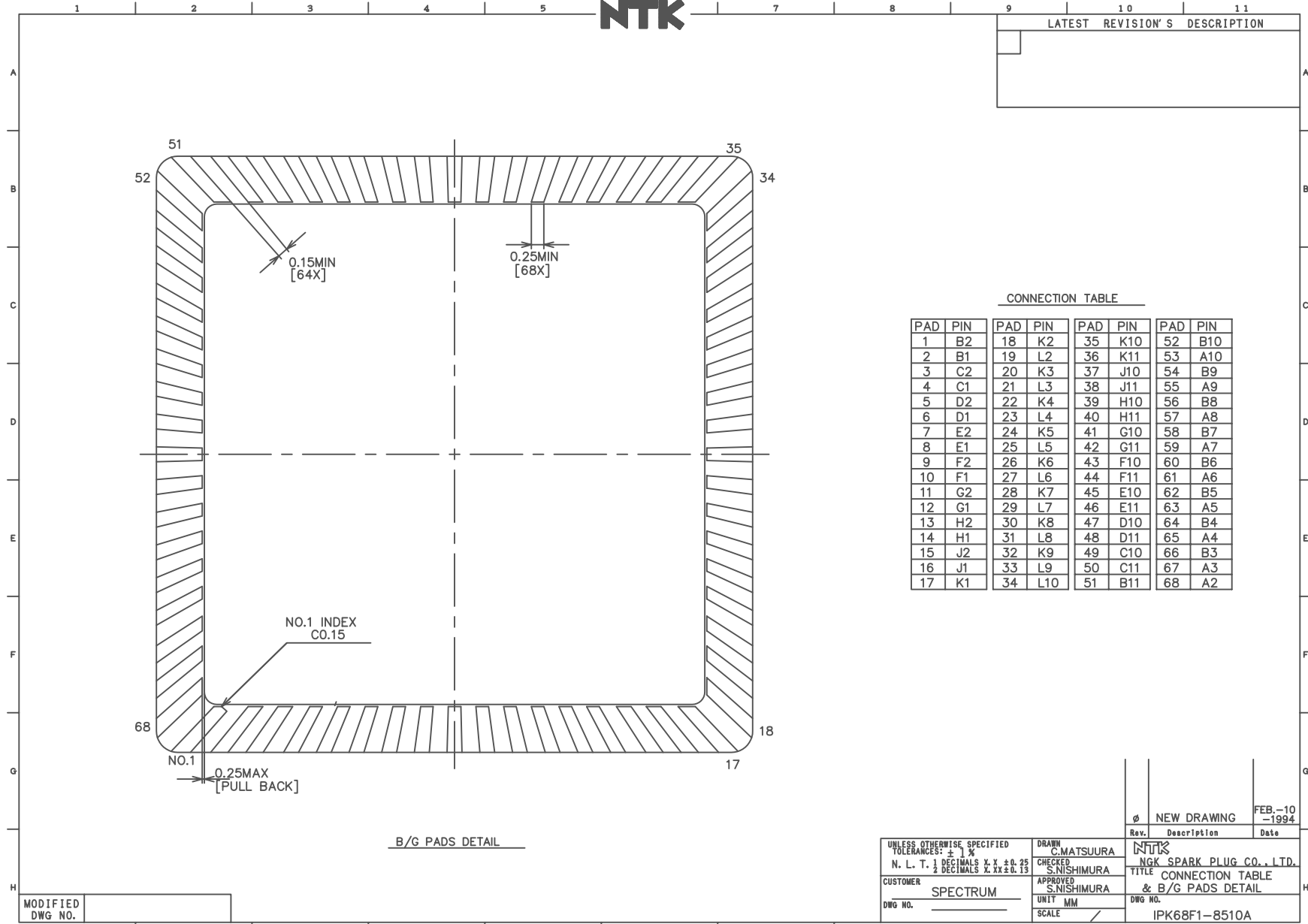
- NOTES:
1. GOLD PLATE 1.5~5.7µm OVER 2.0~8.9µm NICKEL.
 2. NO LEAD TO BE ELECTRICALLY CONNECTED TO THE DIE ATTACH. SEAL RING ISOLATED.
 3. LEAD RESISTANCE: 800mΩ MAX.
 4. NTK SPEC YS-1010 SHALL APPLY.

3	STAND OFF PIN	ALLOY42				
2	PIN	ALLOY42				
1	CERAMIC	BLACK ALUMINA				
Item Name	Material	Description	Rev.	Description	Date	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ± 1%			DRAWN	C.MATSUURA	NTK	
N. L. T. 1 DECIMALS X.X ±0.25 2 DECIMALS X.XX ±0.13			CHECKED	S.NISHIMURA	NGK SPARK PLUG CO., LTD.	FEB.-10-1994
CUSTOMER	SPECTRUM	APPROVED	S.NISHIMURA	TITLE	68 PIN GRID ARRAY	
DWG NO.		UNIT	MM	DWG NO.		
		SCALE	/		IPK68F1-8510A	

PART NO. SHEET 1 OF 3



NTK



LATEST REVISION'S DESCRIPTION

CONNECTION TABLE

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

B/G PADS DETAIL

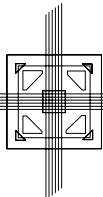
NEW DRAWING FEB.-10-1994

UNLESS OTHERWISE SPECIFIED TOLERANCES: ± 1 % N. L. T. 1 DECIMALS X, Y ± 0.25 2 DECIMALS X, XX ± 0.13	DRAWN C.MATSUURA	NTK
CHECKED S.NISHIMURA	APPROVED S.NISHIMURA	NGK SPARK PLUG CO., LTD.
CUSTOMER SPECTRUM	UNIT MM	TITLE CONNECTION TABLE & B/G PADS DETAIL
DWG NO.	SCALE /	DWG NO. IPK68F1-8510A

MODIFIED
DWG NO.

PART NO.

SHEET 3 OF 3

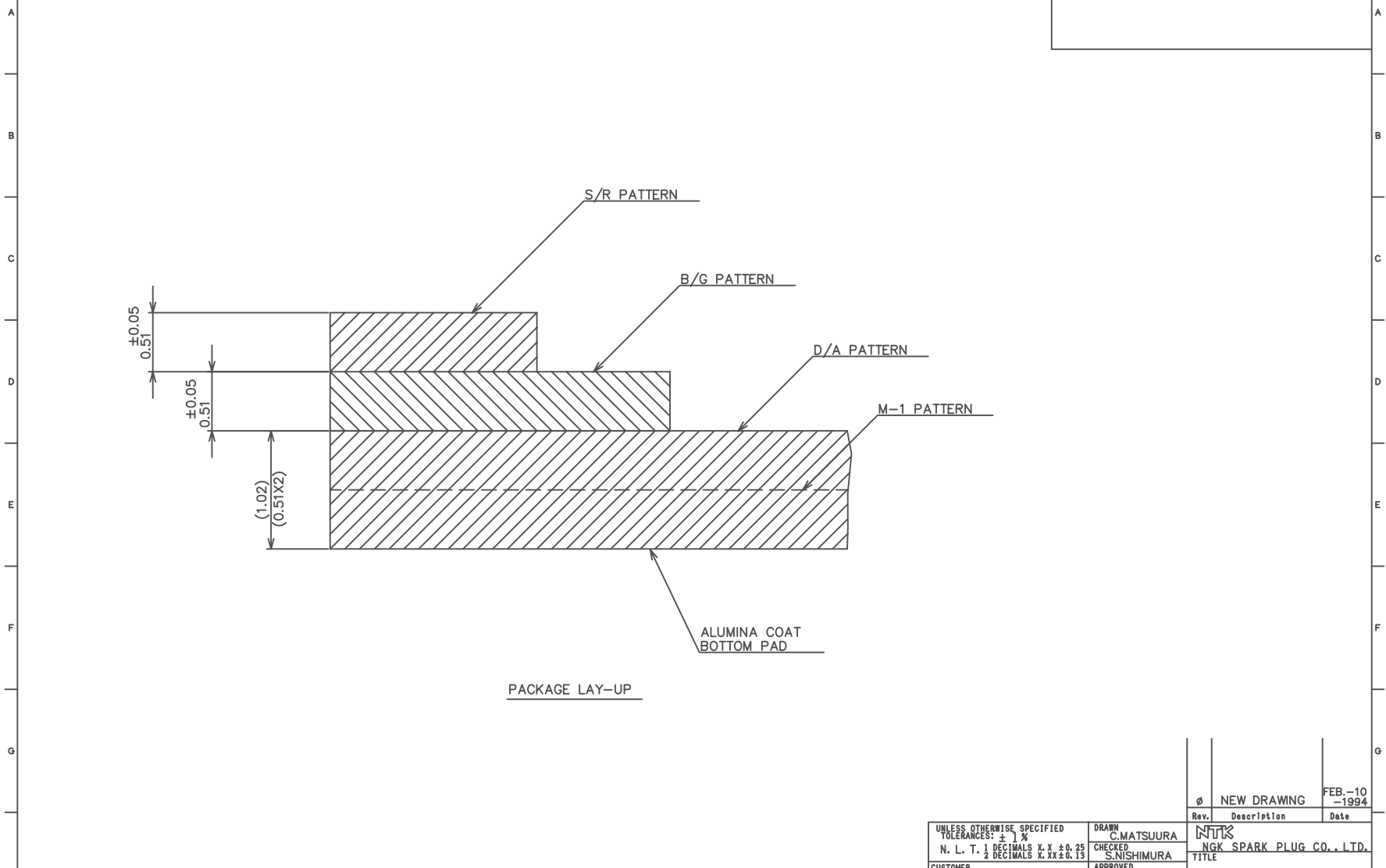


SPECTRUM
SEMICONDUCTOR MATERIALS, INC.

www.spectrum-semi.com Phone: 408-435-5555 Fax: 408-435-8226

NTK

9	10	11
LATEST	REVISIONS	DESCRIPTION

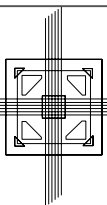


PACKAGE LAY-UP

MODIFIED
DWG NO.

UNLESS OTHERWISE SPECIFIED TOLERANCES: $\pm 1 \%$		DRAWN C.MATSUURA	Rev.	NEW DRAWING	FEB.-10
N. L. T. 1 DECIMALS X.X ± 0.25 2 DECIMALS X.XX ± 0.13		CHECKED S.NISHIMURA	Description	NTK	-1994
CUSTOMER SPECTRUM	APPROVED S.NISHIMURA	TITLE NGK SPARK PLUG CO., LTD.	DATE		
DWG NO.	UNIT MM	DWG NO.	PACKAGE LAY-UP		
	SCALE /	DWG NO.	IPK68F1-8510A		

PART NO. SHEET 2 OF 3



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