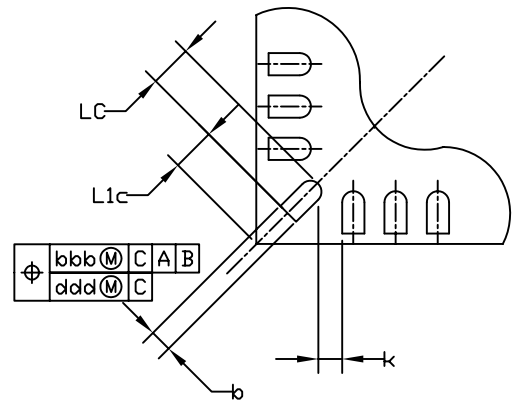


DETAIL A



DETAIL B

TABLE 1

COMMON DIMENSIONS			
	V: VERY THIN		
SYMBOL	MIN	NOM	MAX
A	0.80	0.90	1.00
A1	0.00	0.02	0.05
A3	-	0.20 REF	-
L1	0.03	-	0.15
L1c	0.25	-	0.35
θ	0	-	14
k	0.20	-	-
R	b MIN/2	-	-
NOTES		1,2	
REF.	11-722		
ISSUE	A		

TABLE 2

LEAD WIDTH			
b			
PITCH	MIN	NOM	MAX
e = 0.4	0.15	0.20	0.25
NOTES	5		
REF.	11-722		
ISSUE	A		

TABLE 3

TOLERANCE OF FORM AND POSITION	
aaa	0.10
bbb	0.07
ccc	0.10
ddd	0.05
eee	0.05
fff	0.10
NOTES	1,2
REF.	11-722
ISSUE	A

TABLE 4

			NOTE
D	BSC	6.00	
E	BSC	6.00	
D2	MIN	4.40	
D2	MAX	4.60	
E2	MIN	4.40	
E2	MAX	4.60	
DC	MIN	4.95	
	MAX	5.05	
EC	MIN	4.95	
	MAX	5.05	
e	BSC	0.40	
θc	BSC	45°	
L	MIN	0.35	
	MAX	0.45	
LC	MIN	0.35	
	MAX	0.45	
N		52	3
ND		12	6
NE		12	6
NC		1	
NOTES	1,2		
REF.	11-722		
ISSUE	A		

NOTES:

1. DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M-1994.
2. ALL DIMENSIONS ARE IN MILLIMETERS (ANGLES IN DEGREES).
3. N IS THE NUMBER OF TERMINALS.
4. THE TERMINAL #1 IDENTIFIER AND TERMINAL NUMBERING CONVENTION SHALL CONFORM TO JEDEC PUBLICATION 95 SPP- 002. DETAILS OF TERMINAL #1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. THE TERMINAL #1 IDENTIFIER MAY BE EITHER A MOLD OR MARKED FEATURE.
5. DIMENSION b APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0,15mm AND 0,30mm FROM THE TERMINAL TIP. IF THE TERMINAL HAS THE OPTIONAL RADIUS ON THE OTHER END OF THE TERMINAL, THE DIMENSION b SHOULD NOT BE MEASURED IN THAT RADIUS AREA.
6. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE RESPECTIVELY. NC REFERS TO THE TERMINAL ON EACH CORNER.
7. DEPOPULATION IS IN A SYMMETRICAL FASHION.
8. HVF-PQFN 52 IS SHOWN FOR ILLUSTRATION .
9. ALL LANDS , INCLUDING CORNER LANDS , ARE ELECTRICAL FUCNTIONAL TERMINALS.
10. UNILATERAL COPLANARITY ZONE APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS.
11. DEPENDING ON THE METHOD OF LAND TERMINATION AT THE EDGE OF THE PACKAGE, A MAXIMUM 0,15mm PULL BACK (L1) MAY BE PRESENT. L MINUS L1 TO BE EQUAL TO OR GREATER THAN 0.3mm.
12. THIS OUTLINE CONFORMS IN ALL RESPECTS TO JEDEC PUBLICATION 95 DESIGN GUIDE 4.8, PLASTIC QUAD AND DUAL INLINE, SQUARE AND RECTANGULAR, NO-LEAD PACKAGES, REVISION C AND SPP-022 REVISION A.

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE THERMALLY ENHANCED PLASTIC VERY THIN FINE PITCH QUAD FLAT NO LEAD PACKAGE INCLUDING CORNER TERMINALS	ISSUE A	DATE NOV 2005	Item # MO-265	SHEET 4 of 4
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