

-DRAWING NOT TO SCALE-



TITLE:
PACKAGE OUTLINE, 60 LEADS
4x13x1.0mm LGA, FLIP CHIP PKG.

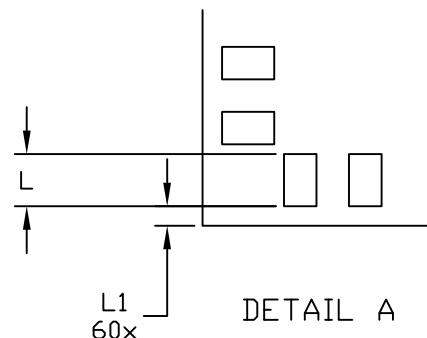
APPROVAL

DOCUMENT CONTROL NO.
21-0650

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C

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SYMBOLS	COMMON DIMENSIONS		
	MIN.	NOM.	MAX.
A	0.94	1.04	1.14
A1	0.51	0.59	0.67
A2	0.45 REF		
D	3.90	4.00	4.10
D2	2.40	2.50	2.60
E	12.90	13.00	13.10
E2	11.00	11.10	11.20
L	0.40 BSC		
L1	0.12	0.14	0.16
b	0.25 BSC		
e	-	0.50	-
N	60		
ND	6		
NE	24		



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS. ANGLES ARE IN DEGREES.
2. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
3. "N" IS THE TOTAL NUMBER OF TERMINALS.
4. THE TERMINAL #1 IDENTIFIER AND TERMINAL NUMBERING CONVENTION SHALL CONFORM TO JESD 95-1 SPP-012. 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 0.25 mm AND 0.30 mm FROM TERMINAL TIP.
6. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH "D" AND "E" SIDE RESPECTIVELY.
7. TERMINAL FINISH: GOLD.
8. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.
9. WARPAGE SHALL NOT EXCEED 0.10 mm.
10. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
11. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODE ONLY.
12. PACKAGE CODE: L6043FM+1

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