



-DRAWING NOT TO SCALE-



TITLE:
PACKAGE OUTLINE,
56L THIN QFN 5x11x0.75MM

APPROVAL
LOUIE REYES
2/1/13

DOCUMENT CONTROL NO.
21-0187

REV. C 1/2

COMMON DIMENSIONS				
REF.	MIN.	NOM.	MAX.	NOTE
A	0.70	0.75	0.80	
A1	0	-	0.05	
A3	0.20 REF.			
b	0.20	0.25	0.30	
D	4.90	5.00	5.10	
E	10.90	11.00	11.10	
e	0.50 BSC.			
k	0.25	-	-	
L	0.30	0.40	0.50	
N	56			
ND	8			
NE	20			

PKG. CODE	EXPOSED PAD VARIATIONS					
	D2			E2		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
T56511-1	2.30	2.40	2.50	8.30	8.40	8.50

CORNER LEAD CHAMFER VARIATION		
PKG. CODES	C	L4
T56511-1	0.120 X 45° REF	0.31 REF

NOTES:

1. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
2. ALL DIMENSIONS ARE IN MILLIMETERS. ANGLES ARE IN DEGREES.
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 0.25mm AND 0.30mm FROM TERMINAL TIP.
6. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE RESPECTIVELY.
7. COPLANARITY APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS. COPLANARITY SHALL NOT EXCEED 0.08mm.
8. WARPAGE SHALL NOT EXCEED 0.10mm.
9. MARKING SHOWN IS FOR PACKAGE ORIENTATION PURPOSE ONLY.
10. LEAD CENTERLINES TO BE AT DEFINED BY DIMENSION e ±0.05.
11. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbfREE (+) PKG. CODES.



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