



-DRAWING NOT TO SCALE-

TITLE: PACKAGE OUTLINE, 24L THIN QFN 3.5x3.5x0.75MM		
APPROVAL Jerold Lee 10-21-13	DOCUMENT CONTROL NO. 21-0188	REV. 1/2 E

COMMON DIMENSION				NOTE
REF.	MIN.	NOM.	MAX.	
A	0.70	0.75	0.80	
A1	0	-	0.05	
A3	0.20 REF			
b	0.15	0.20	0.25	5
D	3.40	3.50	3.60	
E	3.40	3.50	3.60	
e	0.40 BSC.			
K	0.25	-	-	
L	0.30	0.35	0.40	
N	24			
ND	6			6
NE	6			6

EXPOSED PAD VARIATIONS						
	D2			E2		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
T243A3-1	2.20	2.30	2.40	2.20	2.30	2.40
T243A3-1C	2.20	2.30	2.40	2.20	2.30	2.40

CORNER LEAD CHAMFER VARIATION		
PKG. CODES	C	L4
T243A3-1	0.03 X 45° REF	0.33 REF
T243A3-1C	0.03 X 45° REF	0.33 REF

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS, ANGLES IN DEGREES UNLESS OTHERWISE SPECIFIED
- DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
- MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
- 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.
- DIMENSION b APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.25mm AND 0.30mm FROM TERMINAL TIP.
- ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE RESPECTIVELY.
- DEPOPULATION IS POSSIBLE IN A SYMMETRICAL FASHION.
- COPLANARITY APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS.
- APPLICABLE ONLY FOR PACKAGES WITH TIGHT CORNER LEADS METAL TO METAL CLEARANCE.
- REFER TO JEDEC MO-220 EXCEPT D2, E2, & L DIMENSIONS.
- WARPAGE SHALL NOT EXCEED 0.10mm.
- MARKING SHOWN IS FOR PACKAGE ORIENTATION PURPOSE ONLY.
- ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.



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