



TITLE:
PACKAGE OUTLINE,
38L THIN QFN 5x7x0.75MM

APPROVAL

DOCUMENT CONTROL NO.
21-0172

REV. 1/2
F

-DRAWING NOT TO SCALE-

COMMON DIMENSIONS			
SYMBOLS	MIN.	NOM.	MAX.
A	0.70	0.75	0.80
A1	0.00	---	0.05
A2	0.20 REF.		
b	0.20	0.25	0.30
D	4.90	5.00	5.10
e	0.50 BSC.		
E	6.90	7.00	7.10
L	0.35	0.40	0.45
N	38		
ND	7		
NE	12		

EXPOSED PAD DIMENSIONS						
PACKAGE	D2			E2		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
T3857-1	3.50	3.60	3.70	5.50	5.60	5.70
T3857-1C	3.50	3.60	3.70	5.50	5.60	5.70
T3857M-1	3.50	3.60	3.70	5.50	5.60	5.70

CORNER LEAD CHAMFER VARIATION		
PKG. CODES	C	L4
T3857-1	0.120 X 45° REF	0.31 REF
T3857-1C	0.120 X 45° REF	0.31 REF
T3857M-1	0.120 X 45° REF	0.31 REF

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS. ANGLES ARE IN DEGREES.
2. REFER JEDEC MO-220, WHKD-1.
3. COPLANARITY APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS. COPLANARITY SHALL NOT EXCEED 0.08mm.
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. PACKAGE LENGTH / PACKAGE WIDTH ARE CONSIDERED AS SPECIAL CHARACTERISTIC(S).
6. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH "D" AND "E" SIDE, RESPECTIVELY.
7. WARPAGE SHALL NOT EXCEED 0.10mm.
8. MARKING IS FOR PACKAGE ORIENTATION ONLY.
9. LEAD CENTERLINES TO BE AT DEFINED BY DIMENSION 'e' ±0.05.
10. "N" IS THE TOTAL NUMBER OF TERMINALS.
11. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
12. ALL DIMENSIONS APPLY BOTH TO LEAD FREE (+) & LEADED (-) PKG. CODES.



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