



-DRAWING NOT TO SCALE-

TITLE: PACKAGE OUTLINE, 56L THIN QFN, 8x8x0.8mm			
APPROVAL	DOCUMENT CONTROL NO. 21-0135	REV. H	1/2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
3. N IS THE TOTAL NUMBER OF TERMINALS.
4. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE, RESPECTIVELY.
5. DIMENSION b APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.20mm AND 0.25mm FROM TERMINAL TIP.
6. THE PIN #1 IDENTIFIER MUST BE LOCATED ON THE TOP SURFACE OF THE PACKAGE WITHIN HATCHED AREA AS SHOWN. EITHER AN INDENTATION MARK OR INK/LASER MARK IS ACCEPTABLE.
7. PACKAGE WARPAGE MAX 0.01mm.
8. APPLIES TO EXPOSED PAD AND TERMINALS. EXCLUDES INTERNAL DIMENSION OF EXPOSED PAD.
9. DRAWING CONFORMS TO JEDEC MO-220.
10. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
11. NUMBER OF LEADS SHOWN ARE FOR REFERENCE ONLY.
12. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC# 10-0131
13. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.

SYMBOL	56L 8x8			NOTE
	MIN.	NOM.	MAX.	
A	0.70	0.75	0.80	
b	0.20	0.25	0.30	5
D	7.90	8.00	8.10	
E	7.90	8.00	8.10	
Ⓢ	0.50 BSC			
N	56			3
ND	14			4
NE	14			4
L	0.30	0.40	0.50	
A1	0.00	0.02	0.05	
A2	0.20 REF			
k	0.25	--	--	

PKG. CODE	EXPOSED PAD VARIATION						JEDEC
	D2			E2			
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	
T5688-2	6.50	6.65	6.70	6.50	6.65	6.70	WLLD-5
T5688-3	6.50	6.65	6.70	6.50	6.65	6.70	WLLD-5
T5688MN-3	6.50	6.65	6.70	6.50	6.65	6.70	WLLD-5
T5688MK+2	6.50	6.65	6.70	6.50	6.65	6.70	WLLD-5

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