


-DRAWING NOT TO SCALE-

 maxim integrated.		
TITLE: PACKAGE OUTLINE, 56L THIN QFN, 8x8x0.75mm SIDE-WETTABLE		
APPROVAL CHUCK XIA	DOCUMENT CONTROL NO. 21-100046	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 0.10mm.
8. DRAWING CONFORMS TO JEDEC MO-220.
9. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
10. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE EU ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.

SYMBOL	56L 8x8			NOTE
	MIN.	NOM.	MAX.	
A	0.70	0.75	0.80	
A1	0.00	-	0.05	
A2	0.203 REF			
b	0.20	0.25	0.30	5
D	8.00 BSC			
E	8.00 BSC			
Ⓜ	0.50 BSC			
N	56			3
ND	14			4
NE	14			4
L	0.30	0.40	0.50	

EXPOSED PAD VARIATION

PKG. CODE	D2			E2			k
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	
T5688Y+5	6.50	6.60	6.70	6.50	6.60	6.70	0.30 REF
T5688Y+5C	6.50	6.60	6.70	6.50	6.60	6.70	0.30 REF
T5688Y+6	4.60	4.70	4.80	4.60	4.70	4.80	1.25 REF
T5688Y+6C	4.60	4.70	4.80	4.60	4.70	4.80	1.25 REF
T5688Y+6CA	4.60	4.70	4.80	4.60	4.70	4.80	1.25 REF



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