



—DRAWING NOT TO SCALE—



TITLE:  
PACKAGE OUTLINE, 56L QFN,  
8x8x0.85mm

APPROVAL

DOCUMENT CONTROL NO.  
21-100026

REV. A

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. APPLICABLE ONLY FOR PACKAGES WITH TIGHT CORNER LEADS METAL TO METAL CLEARANCE AS DEFINED IN JEDEC.
13. 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	0.80	0.85	0.90	
A1	0.00	0.02	0.05	
A2	0.20 REF			
b	0.20	0.25	0.30	5
C	0.12 X 45° REF.			
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	
L4	0.31 REF.			
k	0.25	--	--	

EXPOSED PAD VARIATION							
PKG. CODE	D2			E2			JEDEC
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	
K5688-1	6.50	6.65	6.70	6.50	6.65	6.70	WLLD-5

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