


-DRAWING NOT TO SCALE-

			
TITLE: PACKAGE OUTLINE, TSSOP 4.4mm BODY, EXPOSED PAD			
APPROVAL KAI LIU	DOCUMENT CONTROL NO. 21-0108	REV. Z	1/3

SYMBOL	COMMON DIMENSIONS			
	MILLIMETERS		INCHES	
	MIN.	MAX.	MIN.	MAX.
A	--	1.10	--	0.043
A1	0.05	0.15	0.002	0.006
A2	0.85	0.95	0.033	0.037
b	0.19	0.30	0.007	0.012
b1	0.19	0.25	0.007	0.010
c	0.090	0.20	0.004	0.008
c1	0.090	0.135	0.004	0.0053
E	4.30	4.50	0.169	0.177
H	6.25	6.50	0.246	0.256
e	0.65 BSC		0.026 BSC	
α	0°	8°	0°	8°

JEDEC MO-153	N	Pkg.Code	VARIATIONS, MM							
			D		X		Y		L	
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
ABT-1	14	U14E-3, U14E-3C	4.90	5.10	2.80	3.10	2.60	3.10	0.50	0.70
ABT	14	U14E-4, U14E-4C	4.90	5.10	2.59	2.95	2.49	2.84	0.45	0.75
ABT	16	U16E-3	4.90	5.10	2.60	3.10	2.60	3.10	0.50	0.70
ABT	16	U16E-3C	4.90	5.10	2.60	3.43	2.60	3.10	0.45	0.75
ABT	16	U16E-4	4.90	5.10	1.85	2.21	2.06	2.41	0.50	0.70
ABT	16	U16EN-7	4.90	5.10	2.59	2.79	2.11	2.31	0.50	0.70
ACT	20	U20E-1	6.40	6.60	3.80	4.20	2.60	3.10	0.50	0.70
ACT	20	U20E-4	6.40	6.60	4.50	4.90	2.60	3.10	0.50	0.70
ACT	20	U20E-6	6.40	6.60	3.68	4.20	2.49	3.10	0.50	0.70
ADT	24	U24E-1	7.70	7.90	4.44	4.64	2.64	2.84	0.50	0.70
AET	28	U28E-4	9.60	9.80	5.20	5.60	2.60	3.10	0.50	0.70
AET	28	U28E-5, U28E-5C, U28E-6C	9.60	9.80	6.50	6.90	2.60	3.10	0.50	0.70
AET	28	U28ME-1	9.60	9.80	6.50	6.90	2.60	3.10	0.50	0.70



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REV. 2/3

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NOTES:

1. DIMENSIONS D AND E DO NOT INCLUDE FLASH.
2. MOLD FLASH OR PROTRUSIONS NOT TO EXCEED 0.15mm PER SIDE.
3. CONTROLLING DIMENSION: MILLIMETERS.
4. MEETS JEDEC OUTLINE MO-153. SEE JEDEC VARIATIONS TABLE.
5. "N" REFERS TO NUMBER OF LEADS.
6. EXPOSED PAD FLUSH WITH BOTTOM OF PACKAGE WITHIN .002".
- △ THE LEAD TIPS MUST LIE WITHIN A SPECIFIED ZONE. THIS TOLERANCE ZONE IS DEFINED BY TWO PARALLEL PLANES. ONE PLANE IS THE SEATING PLANE, DATUM [-C-]; THE OTHER PLANE IS AT THE SPECIFIED DISTANCE FROM [-C-] IN THE DIRECTION INDICATED.
- ⊗ MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
9. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
10. NUMBER OF LEADS SHOWN ARE FOR REFERENCE ONLY.
11. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.



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