


-DRAWING NOT TO SCALE-


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

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
D	SEE VARIATIONS		SEE VARIATIONS	
E	4.30	4.50	0.169	0.177
e	0.65 BSC		0.026 BSC	
H	6.25	6.50	0.246	0.256
L	0.50	0.70	0.020	0.028
N	SEE VARIATIONS		SEE VARIATIONS	
Y	2.60	3.10	0.102	0.122
α	0°	8°	0°	8°

JEDEC MD-153	N	Pkg.Code		VARIATIONS			
				MILLIMETERS		INCHES	
				MIN.	MAX.	MIN.	MAX.
ABT-1	14	U14E-3, U14E-3C	D	4.90	5.10	0.193	0.201
			X	2.80	3.10	0.110	0.122
ABT	16	U16E-3	D	4.90	5.10	0.193	0.201
			X	2.60	3.10	0.102	0.122
ABT	16	U16E-3C	D	4.90	5.10	0.193	0.201
			X	2.60	3.43	0.102	0.135
			L	0.45	0.75	0.018	0.030
ACT	20	U20E-1	D	6.40	6.60	0.252	0.260
			X	3.80	4.20	0.150	0.165
ACT	20	U20E-4	D	6.40	6.60	0.252	0.260
			X	4.50	4.90	0.177	0.193
AET	28	U28E-4	D	9.60	9.80	0.378	0.386
			X	5.20	5.60	0.205	0.221
AET	28	U28E-5 U28E-5C	D	9.60	9.80	0.378	0.386
			X	6.50	6.90	0.256	0.272
AET	28	U28ME-1	D	9.60	9.80	0.378	0.386
			X	6.50	6.90	0.256	0.272

JEDEC MD-153	N	Pkg.Code		VARIATIONS			
				MILLIMETERS		INCHES	
				MIN.	MAX.	MIN.	MAX.
ABT	14	U14E-4, U14E-4C	D	4.90	5.10	0.193	0.201
			L	0.45	0.75	0.018	0.030
			X	2.59	2.95	0.102	0.116
			Y	2.49	2.84	0.098	0.112
ABT	16	U16E-4	D	4.90	5.10	0.193	0.201
			X	1.85	2.21	0.073	0.087
			Y	2.06	2.41	0.081	0.095
ABT	16	U16EN-7	D	4.90	5.10	0.193	0.201
			X	2.59	2.79	0.102	0.110
			Y	2.11	2.31	0.083	0.091
ACT	20	U20E-6	D	6.40	6.60	0.252	0.260
			X	3.68	4.04	0.145	0.159
			Y	2.49	2.84	0.098	0.112
ADT	24	U24E-1	D	7.70	7.90	0.303	0.311
			X	4.44	4.64	0.175	0.183
			Y	2.64	2.84	0.104	0.112

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 maxim integrated.			
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APPROVAL	DOCUMENT CONTROL NO.	REV.	2/3
KAI LIU	21-0108	W	

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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APPROVAL KAI LIU	DOCUMENT CONTROL NO. 21-0108	REV. W	3/3
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