



COMMON DIMENSIONS						
SYMBOL	INCHES			MM		
	MIN.	TYP.*	MAX.	MIN.	TYP.*	MAX.
A	.053	.061	.069	1.35	1.55	1.75
A1	.004	.007	.010	0.10	0.18	0.25
b	.014	.017	.019	0.35	0.42	0.49
c	.007	.009	.010	0.19	0.22	0.25
E	.150	.154	.157	3.80	3.90	4.00
e	.050 BSC			1.27 BSC		
H	.228	.236	.244	5.80	6.00	6.20
L	.016	.033	.050	0.40	0.84	1.27
α	0°	4°	8°	0°	4°	8°
h	0.01	0.015	0.019	0.25	0.38	0.5

* Typical value provided for reference only. This is not a specification.

VARIATION A						
SYMBOL	INCHES			MM		
	MIN.	TYP.*	MAX.	MIN.	TYP.*	MAX.
D	.189	.193	.197	4.80	4.90	5.00
N	8					
MS012	AA					
PKG. CODE	S8-2, S8-2C, S8-4, S8-5, S8-6F, S8-7F, S8-8F, S8-10F, S8-11F, S8-16F, S8-19F, S8-20, S8-21, S8MK-1, S8M-5, S8MS-22, S8-22, S8-23, S8MS-23					

VARIATION B						
SYMBOL	INCHES			MM		
	MIN.	TYP.*	MAX.	MIN.	TYP.*	MAX.
D	.337	.341	.344	8.55	8.65	8.75
N	14					
MS012	AB					
PKG. CODE	S14-1, S14-1C, S14-4, S14-5, S14-6, S14M-4, S14M-5, S14M-6, S14M-7					

VARIATION C						
SYMBOL	INCHES			MM		
	MIN.	TYP.*	MAX.	MIN.	TYP.*	MAX.
D	.386	.390	.394	9.80	9.90	10.00
N	16					
MS012	AC					
PKG. CODE	S16-1, S16-3, S16-5, S16-6, S16-8, S16-7F, S16-9F, S16-10F, S16M-3, S16M-6, S16M-11, S16MS-12					

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
3. DIMENSIONS D AND E DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION IS 0.15 MM (.006") PER SIDE.
4. LEADS TO BE COPLANAR WITHIN 0.10mm (.004").
5. MEETS JEDEC MS012
6. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.

-DRAWING NOT TO SCALE-



TITLE:
PACKAGE OUTLINE,
8L, 14L, 16L SOIC .150 INCH

APPROVAL KAI LIU	DOCUMENT CONTROL NO. 21-0041	REV. R	1/1
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