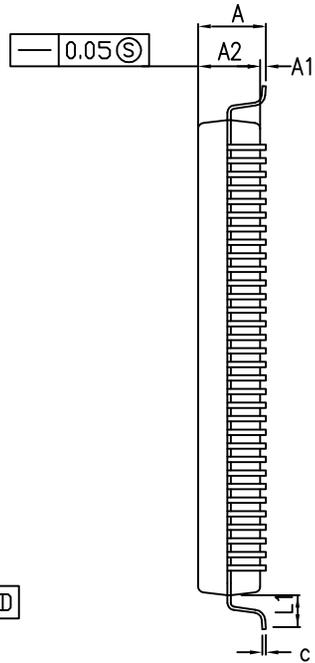
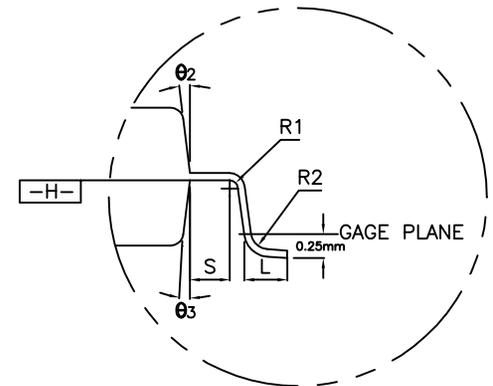


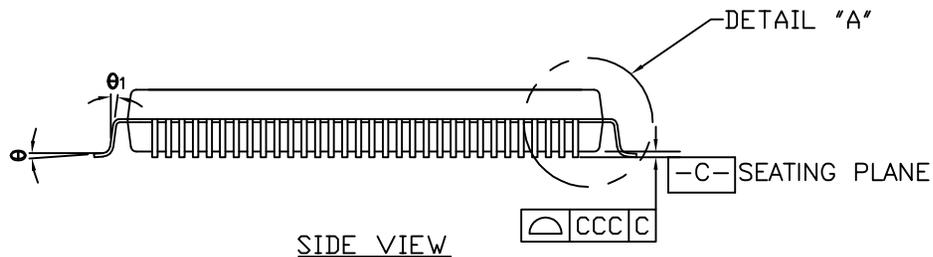
TOP VIEW



SIDE VIEW



DETAIL "A"



SIDE VIEW

-DRAWING NOT TO SCALE-



TITLE:
 PACKAGE OUTLINE, 128L LQFP,
 14x14x1.4mm

APPROVAL

DOCUMENT CONTROL NO.
 21-0764

REV. 1/2
 A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
2. ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5-1982.
3. DATUM PLANE H LOCATED AT MOLD PARTING LINE AND COINCIDENT WITH LEAD, WHERE LEAD EXITS PLASTIC BODY AT BOTTOM OF PARTING LINE.
4. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION IS 0.25mm PER SIDE. D1 AND E1 ARE MAXIMUM PLASTIC BODY SIZE DIMENSIONS INCLUDING MOLD MISMATCH.
5. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL NOT CAUSE THE LEAD WIDTH TO EXCEED THE MAXIMUM b DIMENSION BY MORE THAN 0.08mm.
6. DAMBAR CAN NOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT. MINIMUM SPACE BETWEEN PROTRUSION AND AN ADJACENT LEAD IS 0.07mm FOR 0.4mm and 0.5mm PITCH PACKAGES.
7. MARKING SHOWN IS PACKAGE ORIENTATION REFERENCE ONLY.
8. THIS OUTLINE CONFORMS TO JEDEC PUBLICATION 95 REGISTRATION MS-026.
9. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC# 10-0131
10. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODES ONLY..
11. PACKAGE CODE: C128L+5, C128L+5C

SYMBOL	MILLIMETER			INCH		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	1.40	—	1.60	—	—	.063
A1	0.05	—	0.15	.002	—	.006
A2	1.35	1.40	1.45	.053	.055	.057
D	16.00 BSC.			.630 BSC.		
D1	14.00 BSC.			.551 BSC.		
E	16.00 BSC.			.630 BSC.		
E1	14.00 BSC.			.551 BSC.		
R2	0.08	—	0.20	.003	—	.008
R1	0.08	—	—	.003	—	—
θ	0°	3.5°	7°	0°	3.5°	7°
θ_1	0°	—	—	0°	—	—
θ_2	11°	12°	13°	11°	12°	13°
θ_3	11°	12°	13°	11°	12°	13°
c	0.09	—	0.20	.004	—	.008
L	0.45	0.60	0.75	.018	.024	.030
L ₁	1.00 REF			.039 REF		
S	0.20	—	—	.008	—	—
b	0.13	0.16	0.23	.005	.006	.009
e	0.40 BSC.			.016 BSC.		
D2	12.40			.488		
E2	12.40			.488		
aaa	0.20			.008		
bbb	0.20			.008		
ccc	0.08			.003		
ddd	0.07			.003		



TITLE:
PACKAGE OUTLINE, 128L LQFP,
14x14x1.4mm

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