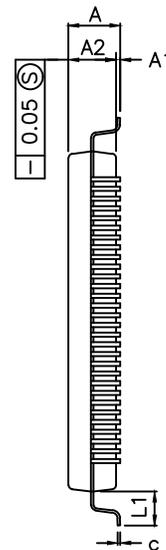
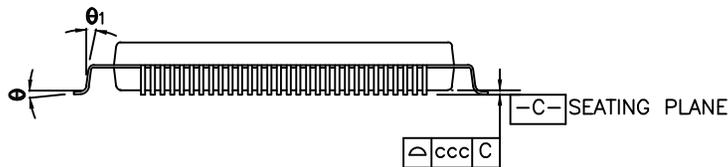


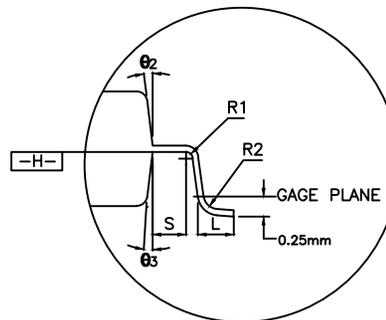
TOP VIEW



SIDE VIEW



BOTTOM VIEW



SYMBOL	MIN.	NOM.	MAX.
A	—	—	4.10
A1	0.25	—	—
A2	3.20	3.32	3.60
D	30.60 BSC.		
D1	28.00 BSC.		
E	30.60 BSC.		
E1	28.00 BSC.		
R2	0.08	—	0.25
R1	0.08	—	—
$\theta$	0°	3.5°	7°
$\theta_1$	0°	—	—
$\theta_2$	8° REF		
$\theta_3$	8° REF		
c	0.09	0.15	0.20
L	0.45	0.60	0.75
L <sub>1</sub>	1.30 REF		
S	0.20	—	—
b	0.22	0.30	0.38
e	0.65 BSC.		
D2	22.75		
E2	22.75		
aaa	0.20		
bbb	0.20		
ccc	—	0.10	—
ddd	—	0.20	—

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS. ANGLES ARE IN DEGREES.
2. DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5-2009
3. PIN #1 ID ON TOP WILL BE LASER MARKED.
4. DIMENSIONS 'D1' AND 'E1' DO NOT INCLUDE MOLD PROTRUSION
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. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT. THE MINIMUM SPACE BETWEEN PROTRUSION AND AN ADJACENT LEAD SHALL NOT BE LESS THAN 0.07mm.
6. THE TOP PACKAGE BODY SIZE MAY BE SMALLER THAN THE BOTTOM PACKAGE BODY SIZE.
7. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
8. ALL DIMENSIONS APPLY TO PbFREE (+) PARTS.
9. PACKAGE CODE: M144-1

-DRAWING NOT TO SCALE-



TITLE:  
PACKAGE OUTLINE 144L MQFP  
28.0 x 28.0 x 3.32mm

APPROVAL

DOCUMENT CONTROL NO.  
21-100277

REV. 1/1  
A