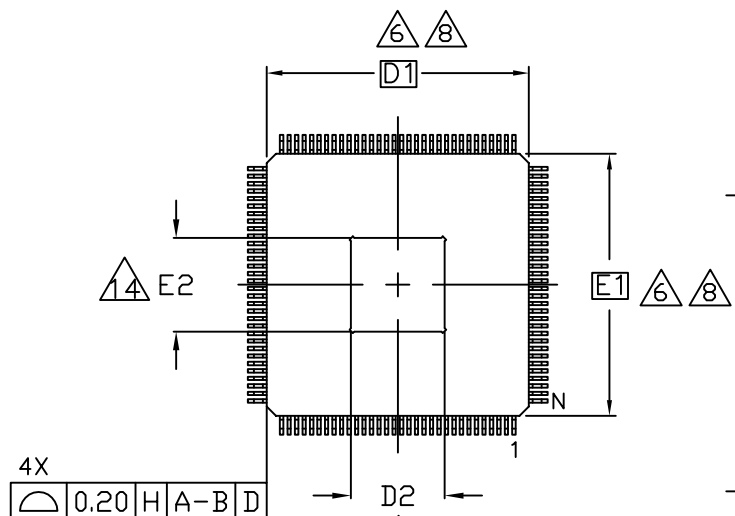
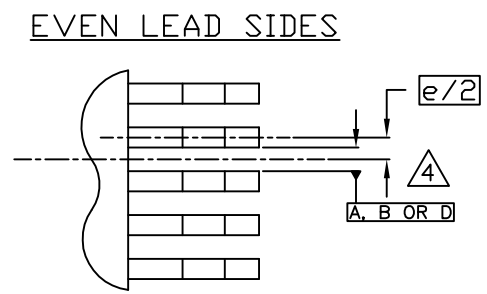
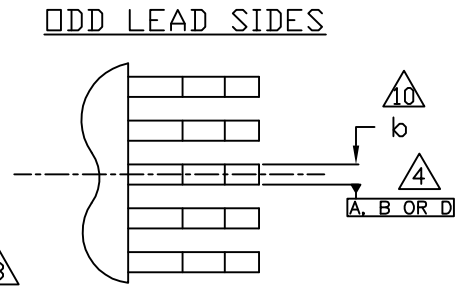


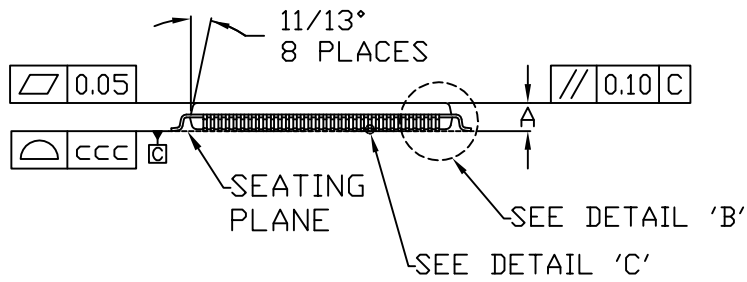
TOP VIEW



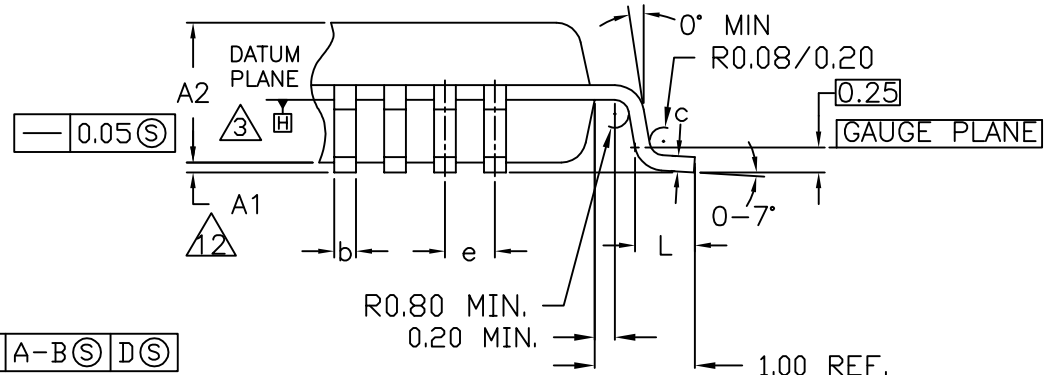
BOTTOM VIEW



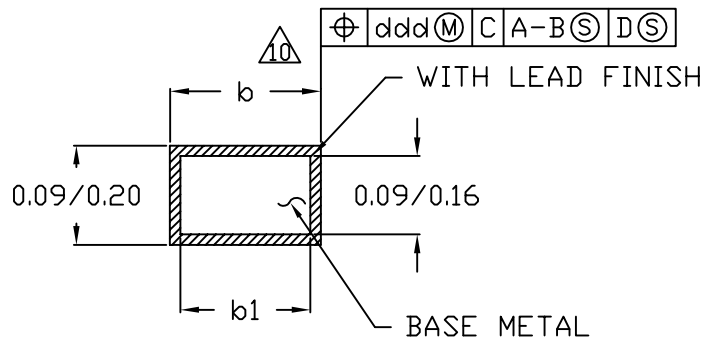
DETAIL 'A'



SIDE VIEW



DETAIL 'B'



DETAIL 'C'

-DRAWING NOT TO SCALE-



TITLE: PACKAGE OUTLINE, 128L LQFP, 14X14X1.4mm, EXPOSED PAD			
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NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
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. DATUMS **A-B** AND **D** TO BE DETERMINED AT CENTERLINE BETWEEN LEADS WHERE LEADS EXIT PLASTIC BODY AT DATUM PLANE **H**.
5. TO BE DETERMINED AT SEATING PLANE **C**
6. DIMENSIONS D1 AND E1 INCLUDE MOLD MISMATCH, BUT DO NOT INCLUDE MOLD PROTRUSION; ALLOWABLE PROTRUSION IS 0.254 MM PER SIDE.
7. "N" IS THE TOTAL NUMBER OF TERMINALS.
8. TO BE DETERMINED AT DATUM PLANE **H**
9. PACKAGE TOP DIMENSIONS ARE SMALLER THAN BOTTOM DIMENSIONS AND TOP OF PACKAGE WILL NOT OVERHANG BOTTOM OF PACKAGE.
10. DIMENSION **b** DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.08mm TOTAL IN EXCESS OF THE **b** DIMENSION AT MAXIMUM MATERIAL CONDITION. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT.
11. THIS OUTLINE CONFORMS TO JEDEC PUBLICATION 95 REGISTRATION MS-026.
12. A1 IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT OF THE PACKAGE BODY.
13. DETAILS OF PIN 1 IDENTIFIER ARE OPTIONAL BUT MUST BE LOCATED WITHIN THE ZONE INDICATED.
14. EXPOSED PAD SHALL BE COPLANAR WITH BOTTOM OF PACKAGE WITHIN 0.05.
15. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE EU ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
16. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.
17. PKG CODES: C128LE-1

SYMBOL	DIMENSIONS		
	JEDEC VARIATION BED		
	MIN.	NOM.	MAX.
A	-	-	1.60
A1	0.05	-	0.15
A2	1.35	1.40	1.45
D	16.00 BSC		
D1	14.00 BSC		
D2	4.90	5.00	5.10
E	16.00 BSC		
E1	14.00 BSC		
E2	4.90	5.00	5.10
L	0.45	0.60	0.75
N	128		
e	0.40 BSC		
b	0.13	0.18	0.23
b1	0.13	0.16	0.19
ccc	-	-	0.08
ddd	-	-	0.07



TITLE:
PACKAGE OUTLINE,
128L LQFP, 14X14X1.4mm, EXPOSED PAD

APPROVAL	DOCUMENT CONTROL NO. 21-0689	REV. A	2/2
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