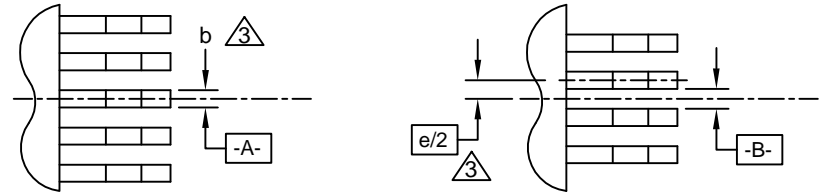


TOP VIEW

EXPOSED HEAT SPREADER
20.32 ± 0.50 DIA

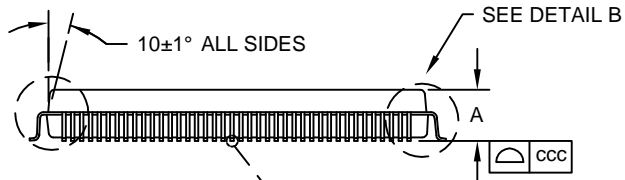
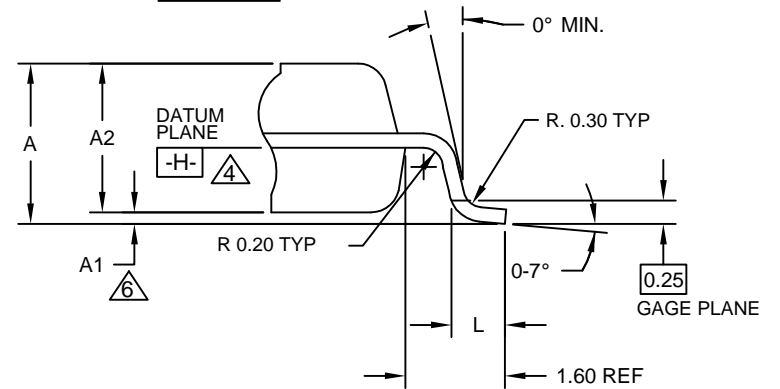
DETAIL A



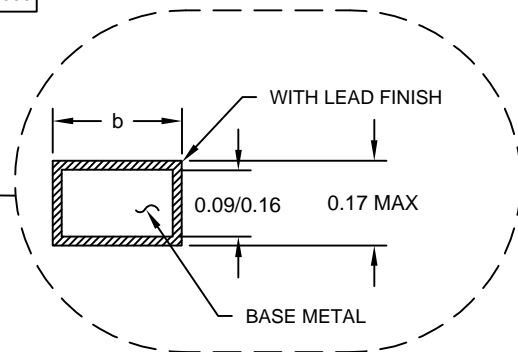
ODD LEAD SIDES

EVEN LEAD SIDES

DETAIL B



SIDE VIEW



MAXIM

PROPRIETARY INFORMATION

TITLE:
PKG. OUTLINE, 160L ED-QUAD (MQFP), 28x28x3.50mm
w/EXPOSED HEAT SPREADER, INVERTED DIE PAD

APPROVAL	DOCUMENT CONTROL NO.	REV
	21-0150	A 1/2

NOTES:

1. ALL DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M-1994.
2. CONTROLLING DIMENSION: MILLIMETER
3. DATUM [A-B] TO BE DETERMINED AT CENTERLINE BETWEEN LEADS WHERE LEADS EXIT PLASTIC BODY AT DATUM PLANE [-H-].
4. DATUM PLANE [-H-] LOCATED AT MOLD PARTING LINE AND COINCIDENT WITH LEAD, WHERE LEAD EXITS PLASTIC BODY AT BOTTOM OF PARTING LINE.
5. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION IS 0.254mm ON D1 AND E1 DIMENSIONS.
6. A1 IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT OF THE PACKAGE BODY.
7. EXPOSED HEAT SPREADER SHALL BE COPLANAR WITH TOP OF PACKAGE WITHIN 0.05 mm.

S Y M B O L	COMMON DIMENSIONS		
	ALL DIMENSIONS ARE IN MILLIMETERS		
	MIN.	NOM.	MAX.
A	\approx	\approx	4.10
A 1	0.25	\approx	0.50
A 2	3.40	3.50	3.60
D	31.20 BSC		
D 1	28.00 BSC		
E	31.20 BSC.		
E 1	28.00 BSC.		
L	0.70	0.80	0.95
N	160		
e	0.65 BSC.		
b	0.22	0.31	0.40
ccc	\approx	\approx	0.10

			
<small>PROPRIETARY INFORMATION</small>			
<small>TITLE:</small> PKG. OUTLINE, 160L ED-QUAD (MQFP), 28x28x3.50mm w/EXPOSED HEAT SPREADER, INVERTED DIE PAD			
<small>APPROVAL</small>	<small>DOCUMENT CONTROL NO.</small> 21-0150	<small>REV</small> A	<small>2</small> / <small>2</small>