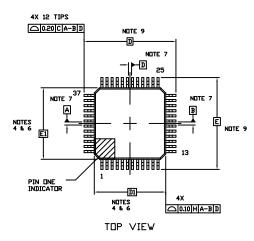
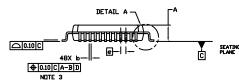


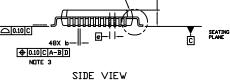


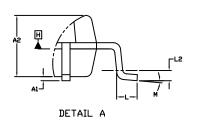
## SPQFP48 7x7 / SQFP48K CASE 131AN **ISSUE A**

**DATE 08 NOV 2013** 





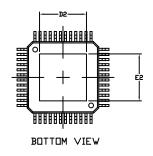


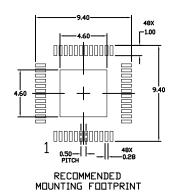


## NOTES

- 1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
- 2. CONTROLLING DIMENSION MILLIMETERS
- DIMENSION 6 DIES NOT INCLUDE DAMBAR PROTRUSION. DAMBAR PROTRUSION SHALL BE 0.08 MAX. AT MMC. DAMBAR CANNOT BE LOCATED ON THE LOVER RADIUS OF THE FOOT. MINIMUM SPACE BETWEEN PROTRUSION AND ADJACENT LEAD IS 0.07.
- DIMENSIONS DI AND EL DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR GATE BURRS. MOLD FLASH, PROTRUSIONS, OR GATE BURRS SHALL NOT EXCEED 0.25 PER SIDE. DIMENSIONS DI AND EL ARE MAXIMUM PLASTIC BODY SIZE INCLUDING MOLD MISMATCH.
- THE TOP PACKAGE BODY SIZE MAY BE SMALLER THAN THE BOTTOM PACKAGE SIZE BY AS MUCH AS 0.15.
- 6. DATUMS A-B AND D ARE DETERMINED AT DATUM PLANE H.
- AL IS DEFINED AS THE VERTICAL DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT ON THE PACKAGE BODY.
- 8. DIMENSIONS D AND E TO BE DETERMINED AT DATUM PLANE C.

	MILLIMETERS		
DIM	MIN.	MAX.	
Α	I	1.70	
A1	0.00	0.15	
A2	1.50 REF		
b	0.15	0.26	
D	9.00 BSC		
D1	7.00 BSC		
D2	4.60 REF		
E	9.00 BSC		
E1	7.00 BSC		
E2	4.60 REF		
е	0.50 BSC		
L	0.30	0.70	
L2	0.25 BSC		
М	ô	10°	





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0	RELEASED FOR PRODUCTION. REQ. BY I. CAMBALIZA.	24 SEP 2013
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