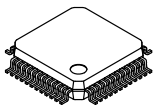

SPQFP48 7x7 / SQFP48K
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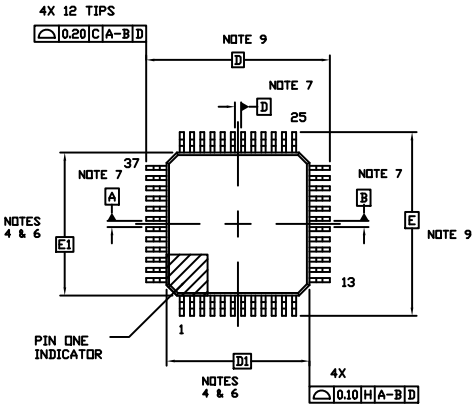
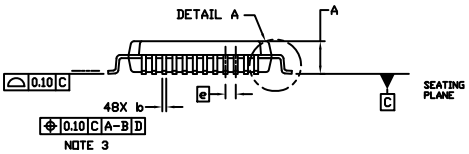
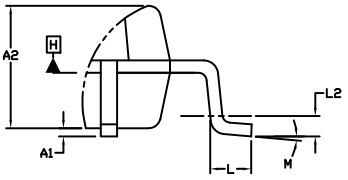


TOP VIEW



SIDE VIEW

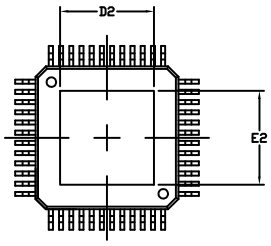


DETAIL A

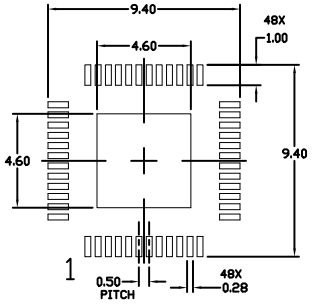
NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: MILLIMETERS
3. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. DAMBAR PROTRUSION SHALL BE 0.08 MAX. AT MMC. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OF THE FOOT. MINIMUM SPACE BETWEEN PROTRUSION AND ADJACENT LEAD IS 0.07.
4. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR GATE BURRS. MOLD FLASH, PROTRUSIONS, OR GATE BURRS SHALL NOT EXCEED 0.25 PER SIDE. DIMENSIONS D1 AND E1 ARE MAXIMUM PLASTIC BODY SIZE INCLUDING MOLD MISMATCH.
5. 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.
7. A1 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.
A	---	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	
e	0.50 BSC	
L	0.30	0.70
L2	0.25 BSC	
M	0°	10°



BOTTOM VIEW



RECOMMENDED
MOUNTING FOOTPRINT

ISSUE	REVISION	DATE
O	RELEASED FOR PRODUCTION. REQ. BY I. CAMBALIZA.	24 SEP 2013
A	CHANGED DESCRIPTION FROM SPQFP48 TO SQFP48. REQ. BY I. CAMBALIZA.	08 NOV 2013