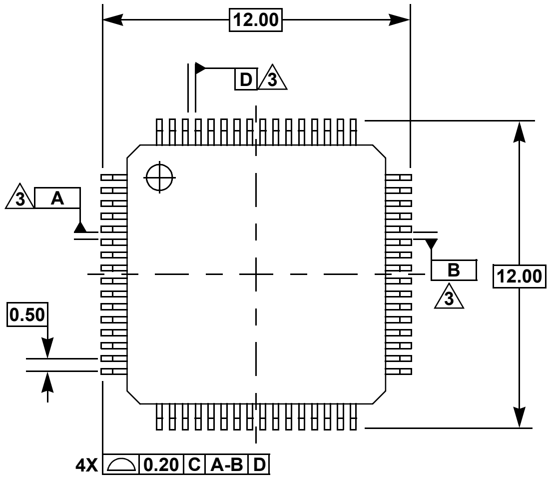
Package Outline Drawing

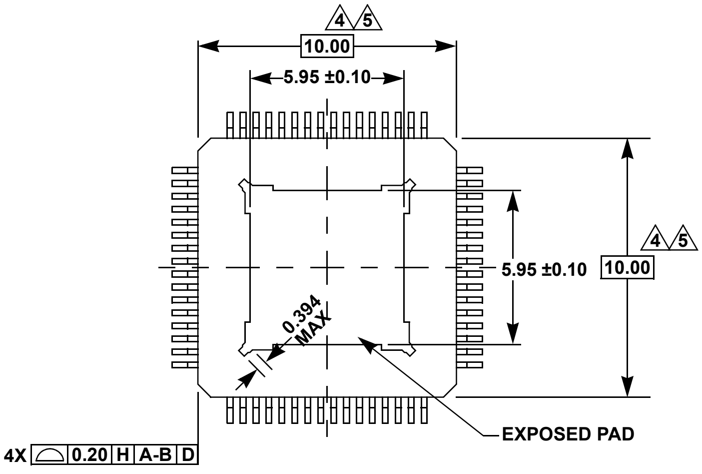
Q64.10x10H

64 LEAD THIN PLASTIC QUAD FLATPACK PACKAGE WITH EXPOSED PAD (EP-TQFP)

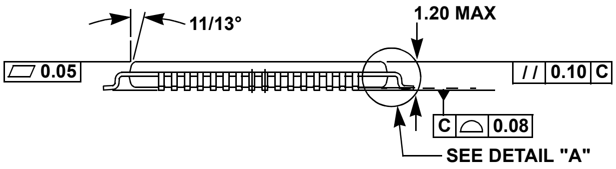
Rev 0, 4/15

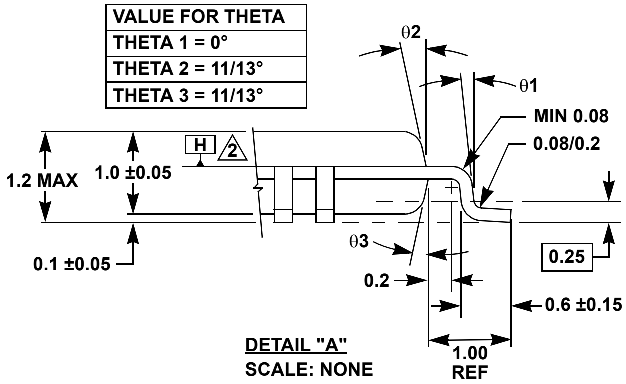


TOP VIEW



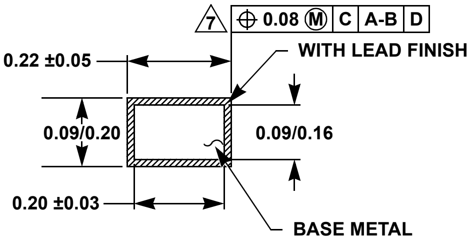
BOTTOM VIEW

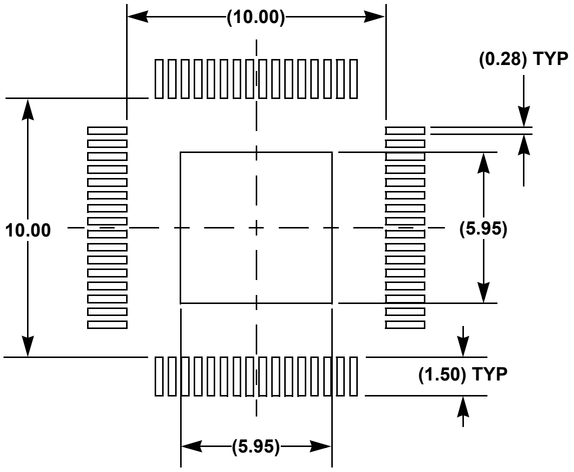




VALUE FOR THETA
THETA 1 = 0°
THETA 2 = 11/13°
THETA 3 = 11/13°

DETAIL "A"
SCALE: NONE





RECOMMENDED LAND PATTERN

NOTES:

1. All dimensioning and tolerancing conform to ANSI Y14.5-1982.
2. Datum plane H located at mold parting line and coincident with lead, where lead exits plastic body at bottom of parting line.
3. Datums A-B and D to be determined at centerline between leads where leads exit plastic body at datum plane H.
4. Dimensions do not include mold protrusion. Allowable mold protrusion is 0.25mm. per side.
5. These dimensions to be determined at datum plane H.
6. Package top dimensions are smaller than bottom dimensions and top of package will not overhang bottom of package.
7. Dimension b does not include dam bar protrusion. Allowable dam bar protrusion shall not cause the lead width to exceed the b dimension by more than 0.08mm. Dam bar cannot be located on the lower radius or the foot. Minimum space between protrusion and an adjacent lead is 0.07mm.
   △ Exact shape of each corner is optional.
8. Controlling dimension: millimeter.
9. This outline conforms to JEDEC publication 95 registration MS-026, variation ACD.
10. Dimensions in ( ) are for reference only.