38 Packaging Information

PI
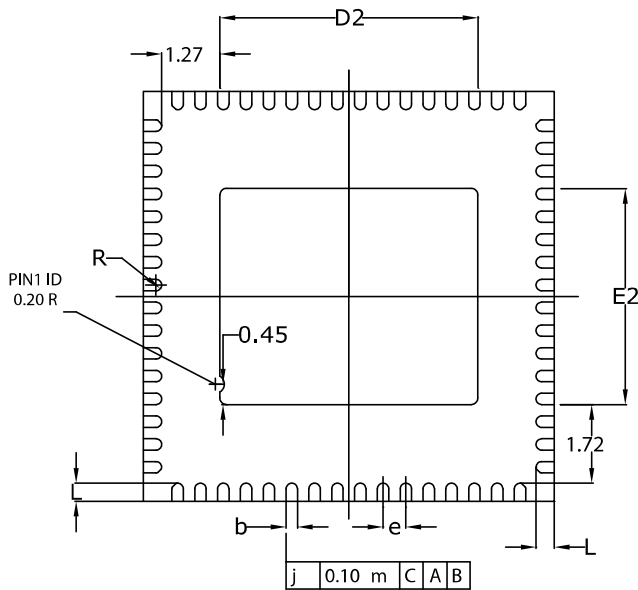

LASER MARK FOR PIN 1
IDENTIFICATION IN THIS AREA
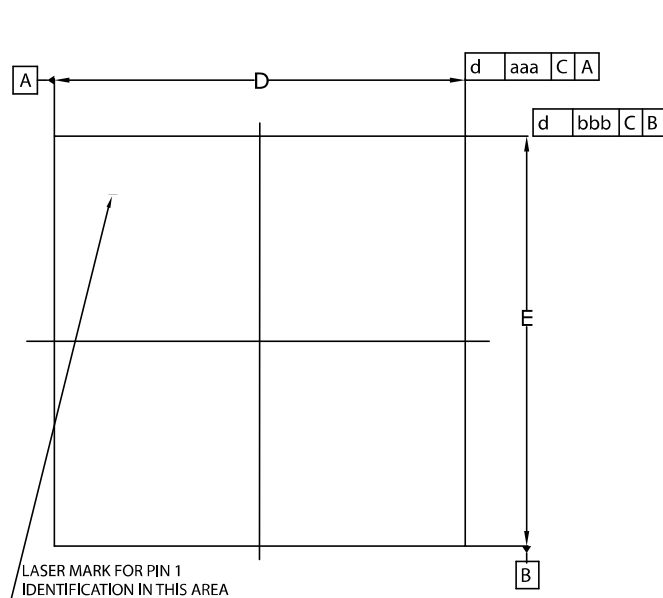
TOP VIEW

DRAWINGS NOT SCALED

SIDE VIEW

SEATING PLANE

PIN1 ID
0.20 R
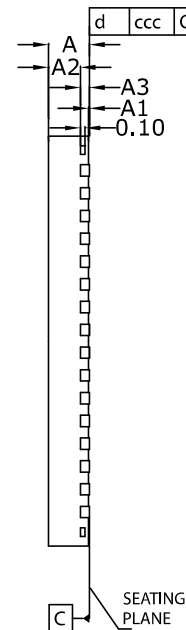
BOTTOM VIEW

ALL DIMENSIONS ARE IN MILLIMETERS.

PACKAGE WARPAGE MAX 0.08 mm.

SYMBOL	MILLIMETER			INCH		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	---	---	0.90	---	---	0.035
A1	---	---	0.05	---	---	0.001
A2	---	0.65	0.70	---	0.026	0.028
A3	0.20 REF.			0.008 REF.		
b	0.18	0.25	0.30	0.007	0.010	0.012
D	9.00 bsc			0.354 bsc		
D2	5.55	5.65	5.75	0.219	0.222	0.226
E	9.00 bsc			0.354 bsc		
E2	4.65	4.75	4.85	0.183	0.187	0.191
L	0.35	0.40	0.45	0.014	0.016	0.018
e	0.50 bsc			0.020 bsc		
R	0.09	---	---	0.004	---	---
TOLERANCES OF FORM AND POSITION						
aaa	0.10			0.004		
bbb	0.10			0.004		
ccc	0.05			0.002		

02/12/2008

	TITLE	DRAWING No.	REV.
Atmel Nantes S.A. La Chantrerie - BP 70602 44306 Nantes Cedex 3 - France	PI - 64 leads - 9.0 x 9.0 mm - pitch 0.5mm Quad Flat No Lead Package QFN	PI	A