



SYMBOL	MILLIMETERS			NOTE
	MIN.	NOM.	MAX.	
A	6.30	6.65	7.00	2
A <sub>1</sub>	2.05	2.20	2.35	
A <sub>2</sub>	3.40	3.70	4.00	
D/E	35.00 BASIC			
D <sub>1</sub> /E <sub>1</sub>	33.00 REF			
e	1.00 BASIC			
φ <sub>b</sub>	0.48	0.52	0.56	
aaa	<i>≠</i>	<i>≠</i>	0.15	
ccc	<i>≠</i>	<i>≠</i>	0.35	
ddd	<i>≠</i>	<i>≠</i>	0.30	
eee	<i>≠</i>	<i>≠</i>	0.10	
M	34			

- NOTES:
1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1994
  2. SYMBOL 'M' IS THE BALL MATRIX SIZE.
  3. CONFORMS TO JEDEC MS-034-AAR-1

## 34X34-COLUMN CERAMIC FLIP-CHIP, 1.00MM PITCH (CF1144)

## Revision History

The following table shows the revision history for this document.

Date	Version	Revision
1/18/06	1.0	Initial Xilinx release.
4/13/06	1.1	Updated A <sub>1</sub> and $\emptyset_b$ .