



400-Ball Fine-Pitch BGA, 1.00 mm Pitch (FG400/FGG400)

SYMBOL	MILLIMETERS			NOTE
	MIN.	NOM.	MAX.	
A	\approx	2.23	2.43	
A ₁	0.40	0.50	0.60	
D/E	20.80	21.00	21.20	
D ₁ /E ₁	19.00 REF			
e	1.00 BSC			
øb	0.50	0.60	0.70	
aaa	\approx	\approx	0.15	
ccc	\approx	\approx	0.35	
ddd	\approx	\approx	0.25	
eee	\approx	\approx	0.10	
M	20			

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-AAH-1

Revision History

The following table shows the revision history for this document.

Date	Version	Revision
03/01/05	1.0	Initial Xilinx release.