



SYMBOL	MILLIMETERS		
	MIN.	NOM.	MAX.
A	\approx	2.20	2.60
A ₁	0.40	0.50	0.60
D/E	23.00 BSC		
D ₁ /E ₁	21.00 REF		
e	1.00 BSC		
øb	0.50	0.60	0.70
aaa	\approx	\approx	0.20
ccc	\approx	\approx	0.35
ddd	\approx	\approx	0.30
eee	\approx	\approx	0.10
M	22		

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-AAJ-1 (DEPOPULATED)

456-BALL FINE PITCH BGA (FG456)