



SYMBOL	MILLIMETERS			NOTE
	MIN.	NOM.	MAX.	
A	$\approx$	2.33	2.60	2
A <sub>1</sub>	0.40	0.50	0.60	
D/E	35.00 BSC			
D <sub>1</sub> /E <sub>1</sub>	33.00 REF			
e	1.00 BSC			
φ <sub>b</sub>	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	
L	$\approx$	$\approx$	33.05	
M	34			
REF.	JEDEC MO-151-AAR			

**NOTES:**

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1994
2. SYMBOL 'M' IS THE BALL MATRIX SIZE.
3. LAND PAD OPENING - SOLDER MASK DEFINED  $\phi 0.485\text{mm}$  (0.019")

**1156-BALL FINE PITCH BGA (FG1156)**