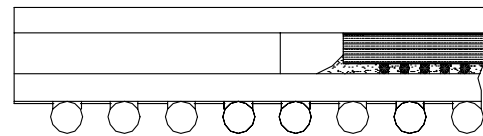


SYMBOL	MILLIMETERS			NOTE
	MIN.	NOM.	MAX.	
A	$\text{H}$	3.20	3.40	
A <sub>1</sub>	0.40	0.50	0.60	
A <sub>2</sub>	$\text{H}$	$\text{H}$	2.80	
D/E	35.00 BASIC			
D <sub>1</sub> /E <sub>1</sub>	33.00 REF			
e	1.00 BASIC			
øb	0.50	0.60	0.70	
aaa	$\text{H}$	$\text{H}$	0.20	
ccc	$\text{H}$	$\text{H}$	0.35	
ddd	$\text{H}$	$\text{H}$	0.30	
eee	$\text{H}$	$\text{H}$	0.10	
M	34			2



SECTION A-A  
(NOT TO SCALE)

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 (DEPOPULATED)

## 1152-BALL FLIP CHIP BGA (FF1152)