



SYMBOL	MILLIMETERS			NOTE
	MIN.	NOM.	MAX.	
A	$\neq$	1.40	1.70	2
A <sub>1</sub>	0.50	0.60	$\neq$	
A <sub>2</sub>	0.60	$\neq$	1.10	
A <sub>3</sub>	0.20	$\neq$	$\neq$	
D/E	40.00 BSC			
D <sub>1</sub> /E <sub>1</sub>	38.10 REF.			
e	1.27 BSC			
øb	0.60	0.75	0.90	
aaa	$\neq$	$\neq$	0.20	
bbb	$\neq$	$\neq$	0.25	
ccc	$\neq$	$\neq$	0.15	
ddd	$\neq$	$\neq$	0.30	
M	31			
REF.	JEDEC MO-192-BAU-1			

**NOTES:**

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1994
2. SYMBOL "M" IS THE PIN MATRIX SIZE.
3. LAND PAD OPENING – SOLDER MASK DEFINED  
ø0.615mm (0.024")
4. HEAT SINK PULLBACK – 0.375mm MAX.

**432-BALL METAL BGA (BG432) – CAVITY DOWN**