



SYMBOL	MILLIMETERS			NOTE
	MIN.	NOM.	MAX.	
A	$\approx$	1.00	1.10	2
A <sub>1</sub>	0.15	0.20	0.25	
D/E	7.90	8.00	8.10	
D <sub>1</sub> /E <sub>1</sub>	6.50 BSC			
e	0.50 BSC			
$\phi b$	0.25	0.30	0.35	
ccc	$\approx$	$\approx$	0.10	
ddd	$\approx$	$\approx$	0.08	
eee	$\approx$	$\approx$	0.15	
Z <sub>D</sub> /Z <sub>E</sub>	0.60	0.75	0.90	
M	14			

## NOTES:

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5M-1994
2. SYMBOL "M" IS THE PIN MATRIX SIZE.

## 132-BALL CHIP SCALE BGA 0.50mm PITCH (CP132/CPG132)

## Revision History

The following table shows the revision history for this document.

Date	Version	Revision
06/22/04	1.2	Released to the Web.
06/25/08	1.3	Added fiducial mark feature on Bottom View and coplanarity dimension on Top View.