



SYMBOL	MILLIMETERS			NOTE
	MIN.	NOM.	MAX.	
A	\approx	\approx	1.35	2
A ₁	0.15	0.20	0.25	
D/E	5.90	6.00	6.10	
D ₁ /E ₁	4.50 BSC			
e	0.50 BSC			
ϕb	0.25	0.30	0.35	
aaa	\approx	\approx	0.10	
ccc	\approx	\approx	0.20	
eee	\approx	\approx	0.15	
Z _D /Z _E	0.58	0.76	0.93	
M	10			

NOTES:

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

56-BALL CHIP SCALE BGA 0.50mm PITCH (CP56/CPG56)

Revision History

The following table shows the revision history for this document.

Date	Version	Revision
06/22/04	1.2	Released to the Web.
07/09/08	1.3	Added fiducial mark feature on Bottom View and coplanarity dimension on Top View.