



SYMBOL	MILLIMETERS		
	MIN.	NOM.	MAX.
A	---	---	1.20
A ₁	0.20	---	---
A ₂	0.65	---	---
D/E	12.00 BSC		
D ₁ /E ₁	9.60 BSC		
e	0.80 BSC		
ϕb	0.40	0.45	0.50
bbb	---	---	0.20
ccc	---	---	0.12
ddd	---	---	0.15
eee	---	---	0.08
M	13		

NOTES:

- ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5M-1994
- SYMBOL "M" IS THE PIN MATRIX SIZE.
- CONFORMS TO JEDEC MO-216-BAG-2 (DEPOPULATED).
- \triangle PAD 'E5' IS FOR PAD 'A1' CORNER INDICATION.

144-BALL CHIP SCALE BGA (CS144)