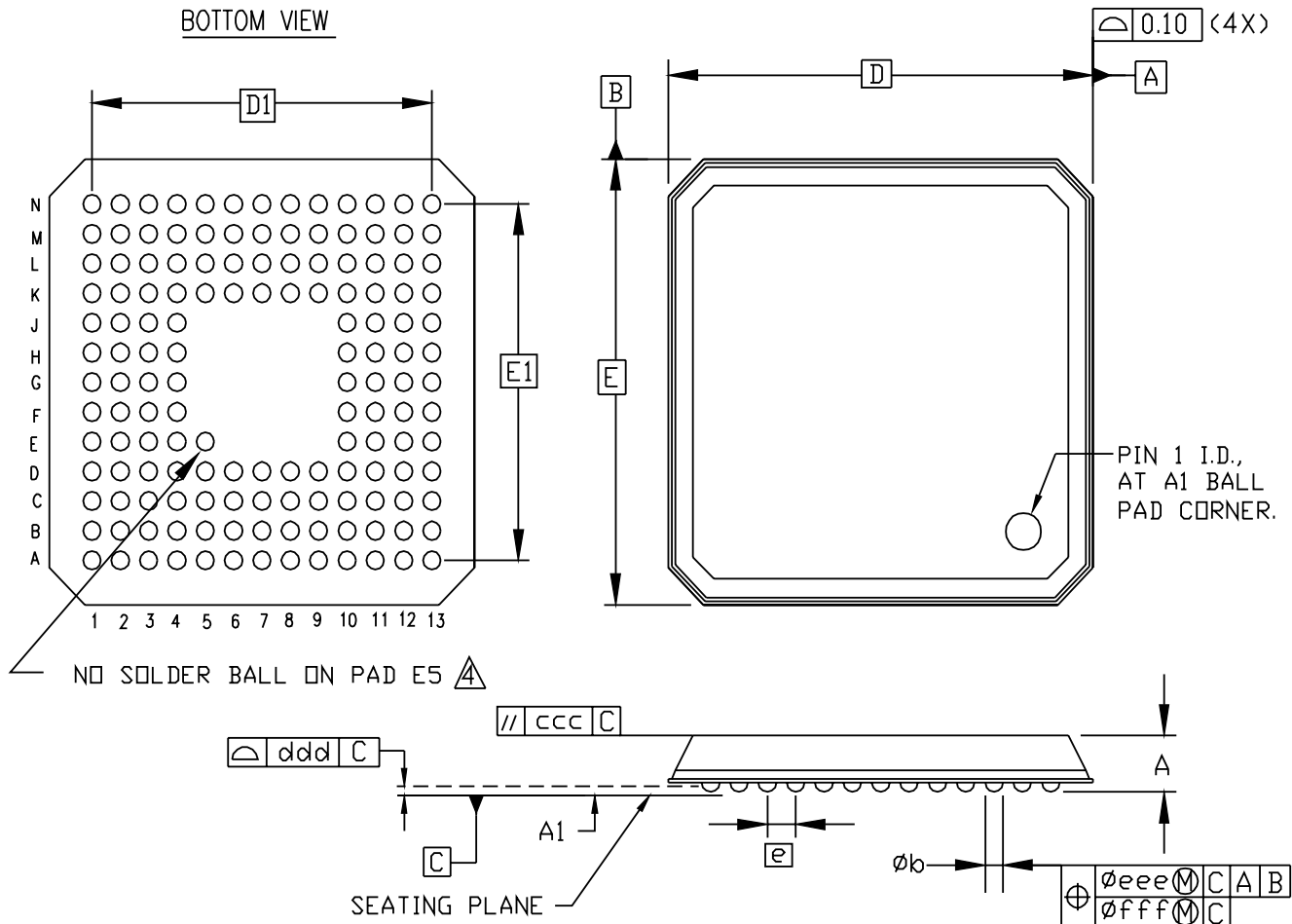


# Chip Scale Package - CS144

BOTTOM VIEW



SYMBOL	MILLIMETERS		
	MIN.	NOM.	MAX.
A	$\sim$	$\sim$	1.20
A1	0.35	0.40	0.45
D/E	12.00 BSC		
D1/E1	9.60 BSC		
e	0.80 BSC		
$\phi b$	0.45	0.50	0.55
ccc	$\sim$	$\sim$	0.10
ddd	$\sim$	$\sim$	0.12
eee	$\sim$	$\sim$	0.15
fff	$\sim$	$\sim$	0.08
M	13		

## NOTES:

1. ALL DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M-1994
  2. SYMBOL "M" IS THE PIN MATRIX SIZE.
  3. CONFORMS TO JEDEC MO-205-BE (DEPOPULATED).
- $\triangle A$ . PAD 'E5' IS FOR PAD 'A1' CORNER INDICATION.

## 144-BALL CHIP SCALE BGA (CS144)