



CS280 - 63/37 (Sn/Pb) Solder Balls
 CSG280 - Sn/Ag/Cu Solder Balls

SYMBOL	MILLIMETERS		
	MIN.	NOM.	MAX.
A	\sim	\sim	1.20
A ₁	0.20	\sim	\sim
A ₂	0.65	\sim	\sim
D/E	16.00 BSC		
D ₁ /E ₁	14.40 BSC		
e	0.80 BSC		
ϕ_b	0.40	0.45	0.50
bbb	\sim	\sim	0.10
ccc	\sim	\sim	0.12
ddd	\sim	\sim	0.15
eee	\sim	\sim	0.08
M	19		

NOTES:

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5M-1994
 2. SYMBOL "M" IS THE PIN MATRIX SIZE.
 3. CONFORMS TO JEDEC MO-216-BAL-1 (DEPOPULATED).
- \triangle PAD 'F6' IS FOR PAD 'A1' CORNER INDICATION.

280-BALL FLEX TAPE CHIP SCALE BGA, 0.80MM PITCH (CS280/CSG280)