



DIM	MILLIMETERS			INCHES		
	MIN	NOM	MAX	MIN	NOM	MAX
A	0.880	0.930	0.980	0.035	0.037	0.039
A1	0.250	0.280	0.310	0.010	0.011	0.012
A2	0.630	0.650	0.670	0.025	0.026	0.027
b	0.340	0.370	0.400	0.013	0.015	0.016
D	3.880	3.930	3.980	0.153	0.155	0.157
D1	3.295 BSC			0.130 BSC		
E	2.610	2.660	2.710	0.103	0.105	0.107
E1	2.000 BSC			0.079 BSC		
e	0.500 BSC			0.020 BSC		
MD	7 BALLS			7 BALLS		
ME	5 BALLS			5 BALLS		
N	35 BALLS			35 BALLS		

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS.
- MD IS THE BALL MATRIX SIZE IN THE "D" DIRECTION, ME IS THE BALL MATRIX SIZE IN THE "E" DIRECTION, AND N IS THE TOTAL NUMBER OF BALLS FOR THE MATRIX SIZE MD X ME AND DOES NOT INCLUDE BALLS FROM ANY DEPOPULATED LOCATIONS.
- DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M-2009.
- $\triangle A$ PRIMARY DATUM C (SEATING PLANE) IS DEFINED BY THE CROWNS OF THE SOLDER BALLS.
- $\triangle B$ DIMENSION b IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER IN A PLANE PARALLEL TO DATUM C.
- MARKING SHOWN IS FOR PKG. ORIENTATION PURPOSE ONLY.
- MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC #10-0131.
- ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODES ONLY.



TITLE:
PACKAGE OUTLINE, 35 BALLS
WLCSP, 0.50mm PITCH, C352A3+1

APPROVAL

DOCUMENT CONTROL NO.

REV.

21-0933

A

1/1

-DRAWING NOT TO SCALE-