



DIM	MIN	NOM	MAX	MIN	NOM	MAX
A	0.880	0.930	0.980	.035	.037	.039
A1	0.250	0.280	0.310	.010	.011	.012
A2	0.630	0.650	0.670	.025	.026	.027
b	0.340	0.370	0.400	.013	.015	.016
D	2.552	2.602	2.652	.100	.102	.104
D1	2.000 BSC			.079 BSC		
E	1.260	1.310	1.360	.050	.052	.054
E1	0.630 BSC			.025 BSC		
e	0.500 BSC			.020 BSC		
MD	-	-	5 BALLS	-	-	5 BALLS
ME	-	-	2 BALLS	-	-	2 BALLS
N	10 BALLS			10 BALLS		

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS.
  2. 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.
  3. DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M.-2009.
  4. PRIMARY DATUM C (SEATING PLANE) IS DEFINED BY THE CROWNS OF THE SOLDER BALLS.
  5. DIMENSION b IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER IN A PLANE PARALLEL TO DATUM C.
  6. MARKING SHOWN IS FOR PKG. ORIENTATION PURPOSE ONLY.
  7. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC #10-0131.
  8. ALL DIMENSIONS APPLY TO BOTH LEADED(-) AND PbfREE (+) PKG. CODES.



TITLE:  
PACKAGE OUTLINE, 10 BALLS  
WLCSP, 0.50mm PITCH, C102B1+1

APPROVAL	DOCUMENT CONTROL NO. 21-0901	REV. A	1/1
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-DRAWING NOT TO SCALE-