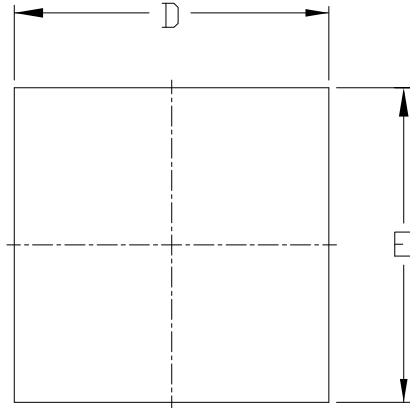
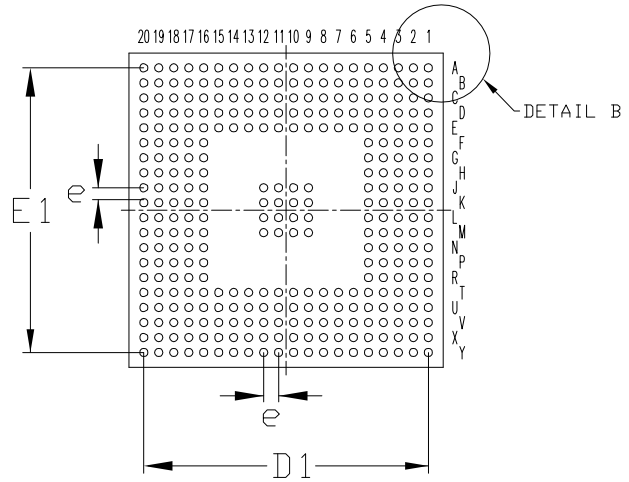


REVISION HISTORY			
REV.	DISCRIPTION	DATE	APP'D
A	DRAWING ORINATION ECN 1733-20	08/15/2017	jh

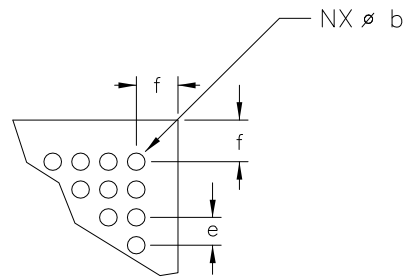
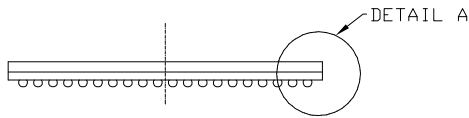
Top View



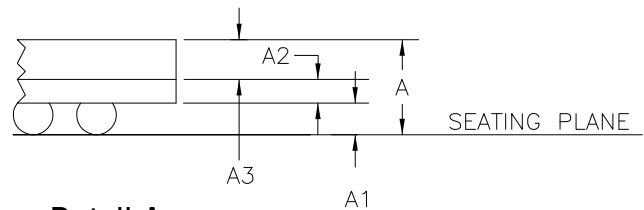
Bottom View



Side View




Detail B



Detail A

316-BALL 21X21mm STBGA JEDEC MO-192 VARIATION DAH-1						
SYMBOLS	DIMENSIONS IN MM (Control Unit)			DIMENSIONS IN INCH (Reference Unit)		
	MIN	NOM	MAX	MIN	NOM	MAX
A	1.41	1.55	1.69	0.056	0.061	0.067
A1	0.28	0.33	0.38	0.011	0.013	0.015
A2	0.48	0.52	0.56	0.019	0.020	0.022
A3	0.65	0.70	0.75	0.026	0.028	0.030
D	20.80	21.00	21.20	0.819	0.827	0.835
D1	19.00 BSC			0.748 BSC		
E	20.80	21.00	21.20	0.819	0.827	0.835
E1	19.00 BSC			0.748 BSC		
b	0.45	0.50	0.55	0.018	0.020	0.022
e	1.00 BSC			0.039 BSC		
f	0.90	1.00	1.10	0.035	0.039	0.043
M	20			20		
N	316			316		

NOTES: 'M' REPRESENTS THE BASIC BALL MATRIX SIZE.

	EXAR CORPORATION		
	STBGA316 PACKAGE OUTLINE		
Packaging Approval:		Drawing No: POD-0000126	
By: YG	Date: 08/15/2017	Revision: A	Sheet: 1 of 1