


DWG. NO.	H96174	SH.	1	REV.	02	1
REVISION HISTORY						
DESCRIPTION				DATE	APPROVED	
INITIAL RELEASE				09/14/15	GV	
Added RSS and tolerance on dimension table				09/30/15	GV	

	Symbol	Common Dimensions		
		MIN.	NOM.	MAX.
Package :		VFBGA		
Body Size:	X	E		
	Y	D		
Ball Pitch :	e	0.800		
Total Thickness :	A	.810	.930	1.000
Mold Thickness :	M	0.450 Ref.		
Substrate Thickness :	S	0.210 Ref.		
Ball Diameter :		0.350		
Stand Off :	A1	0.220	.270	0.320
Ball Width :	b	0.320	.370	0.420
Package Edge Tolerance :	aaa	0.100		
Mold Parallelism :	ccc	0.100		
Coplanarity:	ddd	0.080		
Ball Offset (Package) :	eee	0.150		
Ball Offset (Ball) :	fff	0.080		
Ball Count :	n	144		
Edge Ball Center to Center :	X	E1	8.800	
	Y	D1	8.800	

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS. INTERPRET DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1994. DECIMAL: X.X ±0.1 ANGULAR: X.XX ±0.05 X.XXX ±0.030 ±1°	DESIGNED BY	DATE	 1900 PRAIRIE CITY ROAD FOLSOM, CA 95630-9599 144L VFBGA, PACKAGE OUTLINE 10X10MM, 0.80MM LEAD PITCH		
	DRAWN BY GERRIT VREMAN	DATE 09/14/15			
	CHECKED BY	DATE			
THIRD ANGLE PROJECTION	APPROVED BY GERRIT VREMAN	DATE 09/30/15			
MATERIAL:	FINISH:	CAGE CODE 34649	DRAWING NUMBER H96174	REV 02	
		ELECTRONIC SCALE:	1/1	SHEET 1 OF 1	