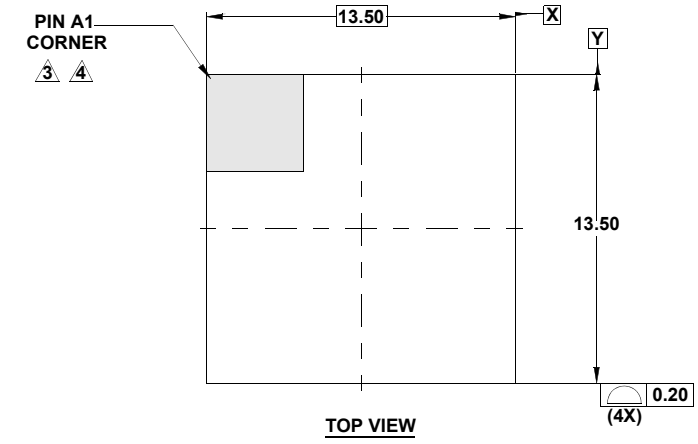
Package Outline Drawing

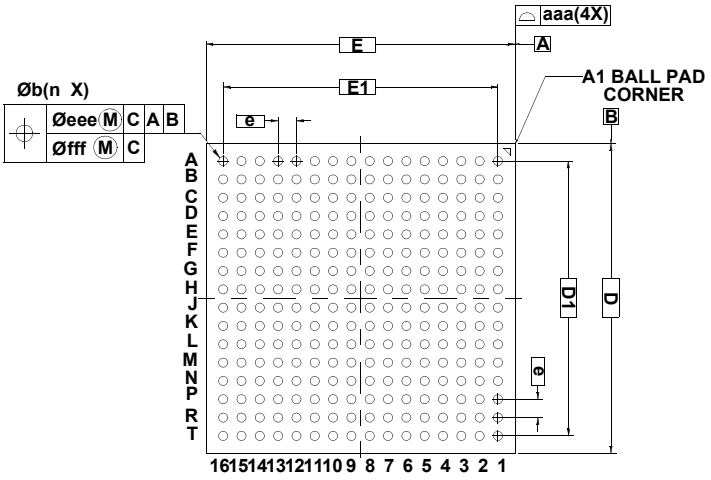
V256.13.5x13.5

256 LOW PROFILE, FINE PITCH PLASTIC BALL GRID ARRAY PACKAGE (LFBGA)

Rev 0, 3/13

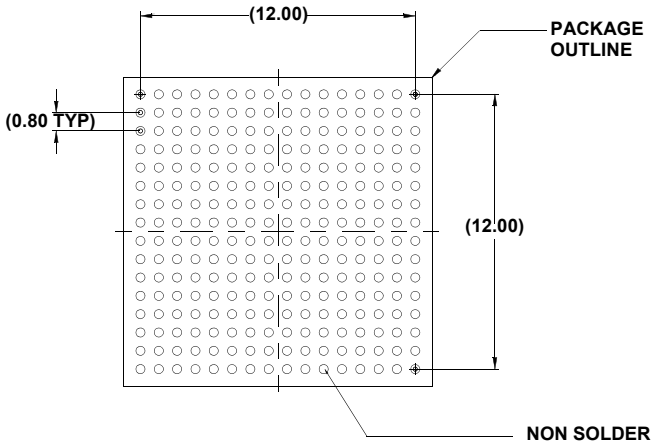


TOP VIEW

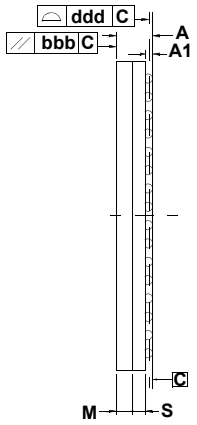


BOTTOM VIEW

		SYMBOL	COMMON DIMENSIONS		
			MIN	NOM	MAX
Package			LFBGA		
Body Size	X	E		13.50	
	Y	D		13.50	
Ball Pitch		e		0.800	
Total Thickness		A	-	-	1.700
Mold Thickness		M		0.700 Ref.	
Substrate Thickness		S		0.560 Ref.	
Ball Diameter				0.400	
Stand Off		A1	0.270	-	0.370
Ball Width		b	0.380	-	0.480
Package Edge Tolerance		aaa		0.150	
Mold Parallelism		bbb		0.200	
Coplanarity		ddd		0.120	
Ball Offset (Package)		eee		0.150	
Ball Offset (Ball)		fff		0.080	
Ball Count		n		256	
Edge Ball Center to Center	X	E1		12.000	
	Y	D1		12.000	



TYPICAL RECOMMENDED LAND PATTERN



SIDE VIEW