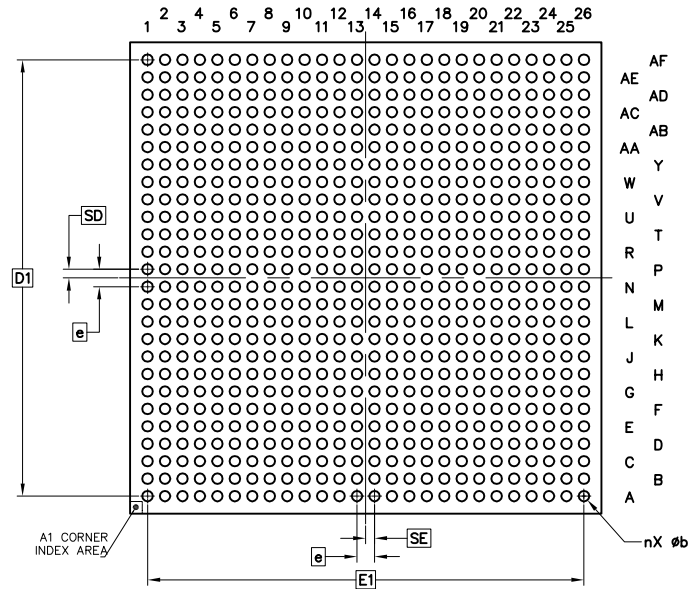




	SYMBOL	COMMON DIMENSIONS		
		MIN.	NOR.	MAX.
TOTAL THICKNESS	A	---	---	2.89
STAND OFF	A1	0.40	---	0.60
SUBSTRATE THICKNESS	A2	0.76		REF
HEAT SLUG THICKNESS	A3	1.30		REF
BODY SIZE	D	26.85	27.00	27.15
	E	26.85	27.00	27.15
BALL DIAMETER		0.60		
BALL OPENING		0.48		
BALL WIDTH	b	0.50	---	0.70
BALL PITCH	e	1.00		BSC
BALL COUNT	n	676		
EDGE BALL CENTER TO CENTER	D1	25.00		BSC
	E1	25.00		BSC
BODY CENTER TO CONTACT BALL	SD	0.50		BSC
	SE	0.50		BSC



 	DATE: 12/26/18
	DESCRIPTION: 676-Ball, High-Performance Flip-Chip BGA (HFCBGA)
PACKAGE CODE: HFC (HFC676)	
DOCUMENT CONTROL #: PD-2213	
REVISION: B	