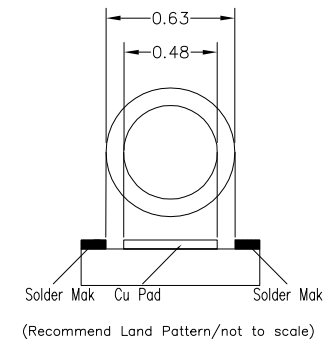
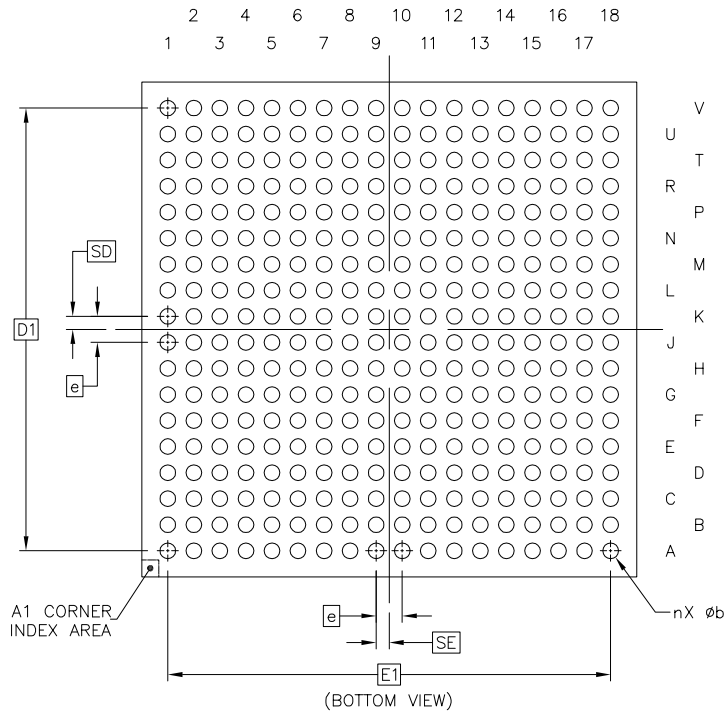


	SYMBOL	COMMON DIMENSIONS		
		MIN.	NOR.	MAX.
TOTAL THICKNESS	A	---	---	2.89
STAND OFF	A1	0.4	---	0.6
SUBSTRATE THICKNESS	A2	0.76		REF
HEAT SLUG THICKNESS	A3	See Note2		REF
BODY SIZE	D	19		BSC
	E	19		BSC
BALL DIAMETER		0.6		
BALL WIDTH	b	0.5	---	0.7
BALL PITCH	e	1		BSC
BALL COUNT	n	324		
EDGE BALL CENTER TO CENTER	D1	17		BSC
	E1	17		BSC
BODY CENTER TO CONTACT BALL	SD	0.5		BSC
	SE	0.5		BSC
PACKAGE EDGE TOLERANCE	aaa	0.15		
SUBSTRATE FLATNESS	bbb	0.25		
COPLANARITY	ddd	0.2		



NOTES:
 1. ALL DIMENSIONS ARE IN mm.
 2. 1.3mm is for 3G816 only; 1.35mm is for the rest devices.



DATE: 09/28/22

DESCRIPTION: 324-Ball, H-FCBGA190190-324 (HFCBGA)

PACKAGE CODE: HFC (HFC324)

DOCUMENT CONTROL #: PD-2258

REVISION: A