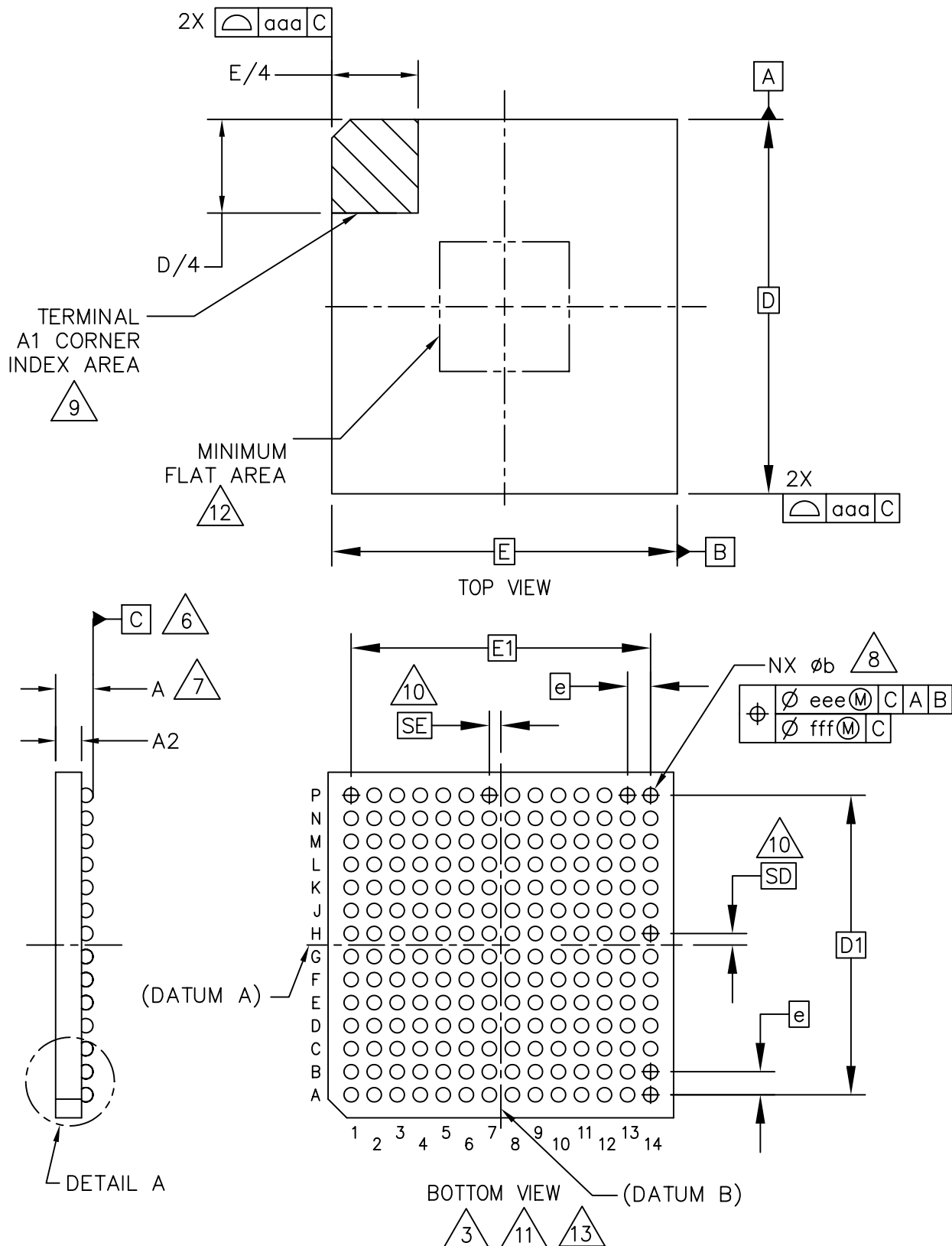




JEDEC
SOLID STATE
PRODUCT OUTLINE

THIS **REGISTERED OUTLINE** HAS BEEN PREPARED BY THE JEDEC JC-11 COMMITTEE AND REFLECTS A PRODUCT WITH ANTICIPATED USAGE IN THE ELECTRONICS INDUSTRY; CHANGES ARE LIKELY TO OCCUR.

TITLE THIN, VERY-THIN,
VERY-VERY-THIN PROFILE, FINE
PITCH BALL GRID ARRAY FAMILY,
0.40 MM PITCH (SQ.)

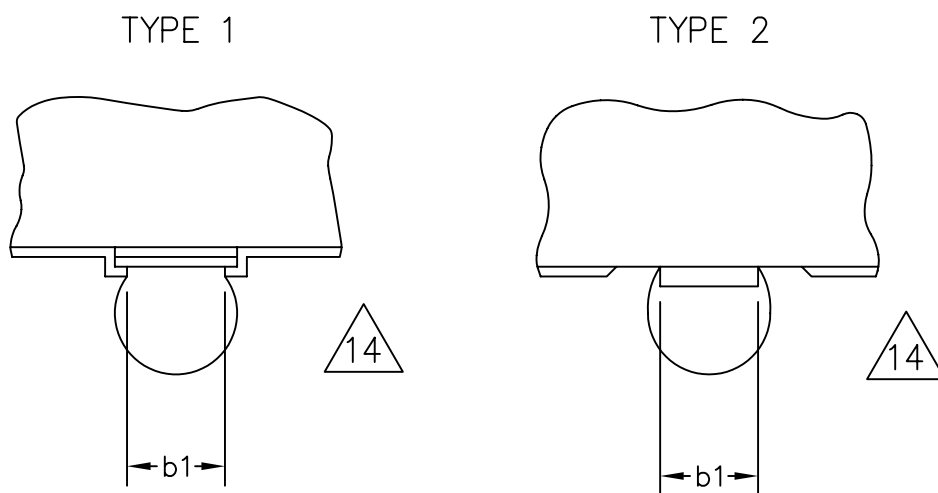
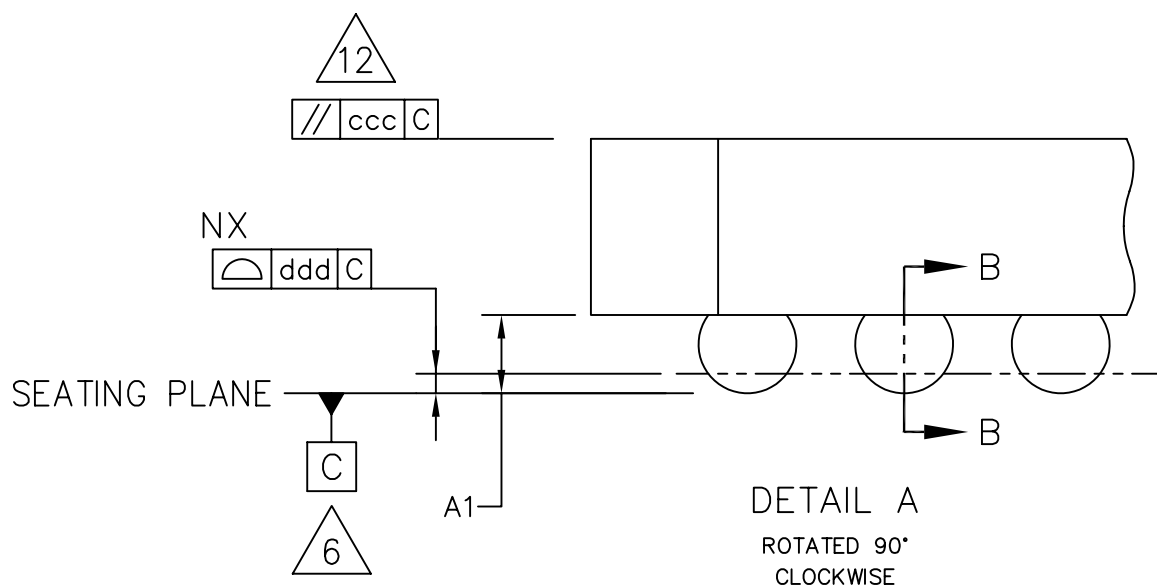
PACKAGE DESIGNATOR
(T,V,W)F-XBGA

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JEDEC SOLID STATE PRODUCT OUTLINE	TITLE THIN, VERY-THIN, VERY-VERY-THIN PROFILE, FINE PITCH BALL GRID ARRAY FAMILY, 0.40 MM PITCH (SQ.)	ISSUE A	DATE Jun 09	MD 2009	SHEET 1 OF 10
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TABLE 1

VARIATION DESIGNATORS									
FIRST CHARACTER CODE		SECOND CHARACTER CODE		THIRD CHARACTER CODE		FOURTH CHARACTER CODE		FIFTH CHARACTER CODE	
PROFILE HEIGHT		BODY SIZE		BODY SIZE INCREMENT		BALL SIZE		COLUMN/ROW	
A	LETTER CODE	D=E	LETTER CODE	+D = +E	LETTER CODE	b	LETTER CODE	MATRIX SIZE	NUMBER CODE
1.20 MAX	T	2.00	A	0.00	A	0.25	A	MD/ME	1
1.00 MAX	V	3.00	B	0.50	B	0.20	B	MD-1/ME-1	2
0.80 MAX	W	4.00	C	---	---	---	---	---	---
---	---	5.00	D	---	---	---	---	---	---
---	---	6.00	E	---	---	---	---	---	---
---	---	7.00	F	---	---	---	---	---	---
---	---	8.00	G	---	---	---	---	---	---
---	---	9.00	H	---	---	---	---	---	---
---	---	10.00	J	---	---	---	---	---	---
---	---	11.00	K	---	---	---	---	---	---
---	---	12.00	L	---	---	---	---	---	---
---	---	13.00	M	---	---	---	---	---	---
---	---	14.00	N	---	---	---	---	---	---
---	---	15.00	P	---	---	---	---	---	---
---	---	16.00	R	---	---	---	---	---	---
---	---	17.00	T	---	---	---	---	---	---
---	---	18.00	U	---	---	---	---	---	---
---	---	19.00	V	---	---	---	---	---	---
---	---	20.00	W	---	---	---	---	---	---
---	---	21.00	Y	---	---	---	---	---	---
NOTES									
REF	11-816								
ISSUE	A								

JEDEC SOLID
STATE PRODUCT
OUTLINETITLE THIN, VERY–THIN,
VERY–VERY–THIN PROFILE, FINE
PITCH BALL GRID ARRAY FAMILY,
0.40 MM PITCH (SQ.)

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