

DOCUMENT TYPE: POD

DOCUMENT ID #: 21-100685

REVISION: B-000

DOCUMENT TITLE: PACKAGE OUTLINE, 40L FCLGA 5x5x0.75 mm

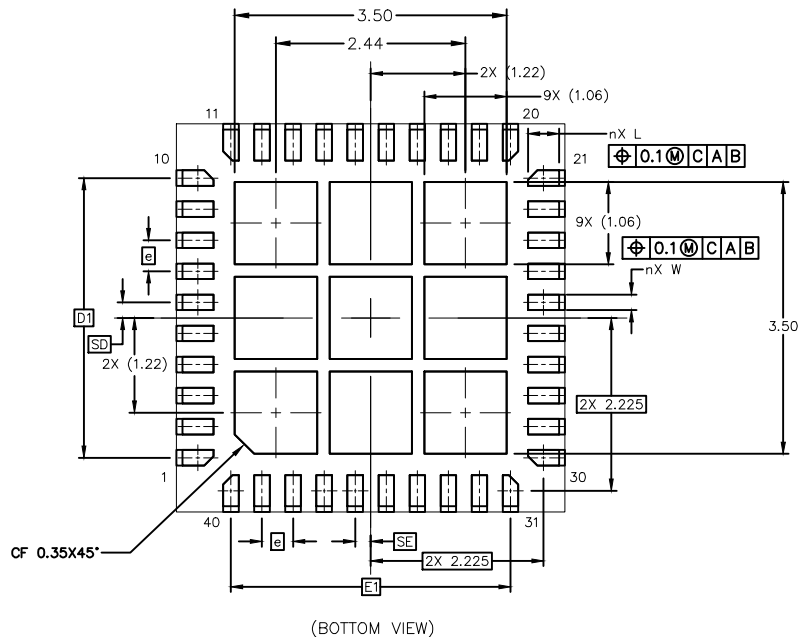
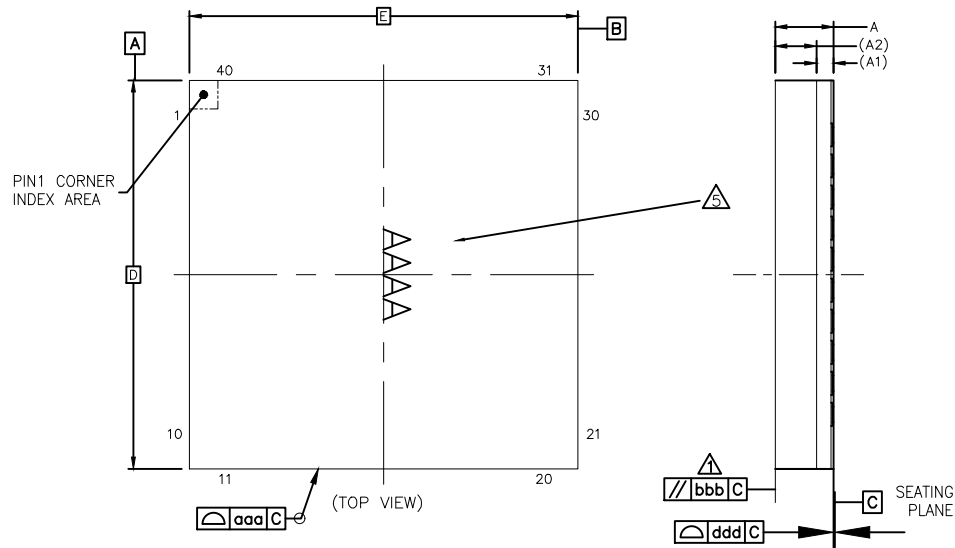
EFFECTIVE DATE: 01/05/2023

EXPIRATION DATE:

CHANGE NUMBER: 1178039

ORIGINATOR: Bernard Go

REASON FOR CHANGE:
UPDATED DESIGN



	SYMBOL	COMMON DIMENSIONS		
		MIN.	NOR.	MAX.
TOTAL THICKNESS	A	0.693	0.75	0.807
SUBSTRATE THICKNESS	A1		0.22	REF
MOLD THICKNESS	A2		0.53	REF
BODY SIZE	D		5	BSC
	E		5	BSC
LEAD WIDTH	W	0.15	0.2	0.25
LEAD LENGTH	L	0.35	0.4	0.45
LEAD PITCH	e		0.4	BSC
LEAD COUNT	n		40	
EDGE LEAD CENTER TO CENTER	D1		3.6	BSC
	E1		3.6	BSC
BODY CENTER TO CONTACT LEAD	SD		0.2	BSC
	SE		0.2	BSC
PRE-SOLDER		---	---	---
PACKAGE EDGE TOLERANCE	aaa		0.1	
MOLD FLATNESS	bbb		0.1	
COPLANARITY	ddd		0.08	

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
3. THE TERMINAL #1 IDENTIFIER AND TERMINAL NUMBERING CONVENTION SHALL CONFORM TO JESD 95-1 SPP-012. DETAILS OF TERMINAL #1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. THE TERMINAL #1 IDENTIFIER MAY BE EITHER A MOLD OR MARKED FEATURE.
4. COPLANARITY APPLIES TO TERMINALS AND ALL OTHER BOTTOM SURFACE METALLIZATIONS.
5. MARKING ALONG LONG EDGE OF PACKAGE TO ACCOMMODATE LONG PART NUMBERS.
6. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
7. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODES.
8. PKG CODE: L4055F+1



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PACKAGE OUTLINE, 40L FCLGA
5x5x0.75 mm

APPROVAL
TONY LIN

DOCUMENT CONTROL NO.
21-100685

REV. B 1/1

-DRAWING NOT TO SCALE-

REVISION HISTORY

[illegible]

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REVISION

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