TOP VIEW

SIDE VIEW

SEATING PLANE

BOTTOM VIEW

		SYMBOL	MIN	NOM	MAX
TOTAL THICKNESS		A	0.827	0.877	0.927
STAND OFF		A1	-0.004	0.02	0.046
MOLD THICKNESS		A2	---	0.75	---
L/F THICKNESS		A3		0.127 REF	
LEAD WIDTH		b	0.15	0.2	0.25
		b1	2.975	3.025	3.08
		b2	1.45	1.5	1.55
		b3	0.35	0.4	0.45
		b4	0.625	0.675	0.73
		b5	0.325	0.375	0.43
		b6	2.1	2.15	2.2
		b7	2	2.05	2.1
BODY SIZE	X	D		3.05 BSC	
	Y	E		7.25 BSC	
LEAD PITCH		e		0.5 BSC	
		e1		0.7 BSC	
		e2		0.65 BSC	
		e3		0.5875 BSC	
		e4		0.505 BSC	
		e5		0.485 BSC	
		e6		1.325 BSC	
		e7		0.7375 BSC	
		e8		0.725 BSC	
LEAD CENTER TO PKG CENTER		e9		0.43 BSC	
LEAD EDGE TO LEAD EDGE		K		0.125 REF	
LEAD LENGTH		L	0.725	0.825	0.925
		L1	0.225	0.325	0.425
		L2	0.925	1.025	1.125
		L3	1.175	1.275	1.375
		L4	0.72	0.82	0.92
PACKAGE EDGE TOLERANCE		aaa		0.1	
MOLD FLATNESS		ccc		0.1	
COPLANARITY		eee		0.08	
LEAD OFFSET		bbb		0.1	
NUMBER OF LEADS		N		12	

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
3. N IS THE TOTAL NUMBER OF TERMINALS.
4. 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.
5. COPLANARITY APPLIES TO TERMINALS AND ALL OTHER BOTTOM SURFACE METALLIZATIONS.
6. DIMENSION b APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.25 mm AND 0.30 mm FROM TERMINAL TIP. IF THE TERMINAL HAS THE OPTIONAL RADIUS ON THE OTHER END OF THE TERMINAL, THE DIMENSION SHOULD NOT BE MEASURED IN THAT RADIUS AREA.
7. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
8. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
9. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODES.
10. PKG CODE: F123A7F+4

-DRAWING NOT TO SCALE-

maxim integrated™

TITLE:
PACKAGE OUTLINE, 12L, FC2QFN PKG
3.05x7.25x0.88mm

APPROVAL	DOCUMENT CONTROL NO.	REV.	1/1
JIE MAO	21-100485	B	