



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. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
7. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
8. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODES.
9. PKG CODE: F164A6F+2

	SYMBOL	MIN	NOM	MAX
TOTAL THICKNESS	A	0.65	0.7	0.75
STAND OFF	A1	0	0.035	0.05
MOLD THICKNESS	A2	---	0.55	---
L/F THICKNESS	A3	0.152 REF		
LEAD WIDTH	b	0.10	0.2	0.30
	b1	0.25	0.3	0.35
	b2	0.75	0.8	0.85
	b3	2.75	2.8	2.85
	b4	2.1	2.15	2.2
BODY SIZE	X	D	4.3 BSC	
	Y	E	6.55 BSC	
LEAD PITCH	e	0.5 BSC		
	e1	0.6 BSC		
	e2	0.625 BSC		
	e3	0.65 BSC		
LEAD LENGTH	L	0.7	0.8	0.9
	L1	0.9	1	1.1
	L2	1.8	1.9	2
	L3	0.725	0.825	0.925
PACKAGE EDGE TOLERANCE	aaa	0.1		
MOLD FLATNESS	bbb	0.1		
COPLANARITY	ccc	0.08		
LEAD OFFSET	ddd	0.1		
NUMBER OF LEADS	N	16		



TITLE:
PACKAGE OUTLINE, 16L, FC2QFN PKG
4.3x6.55x0.70mm

APPROVAL
JIE MAD

DOCUMENT CONTROL NO.
21-100528

REV. 1
B 1/1

-DRAWING NOT TO SCALE-