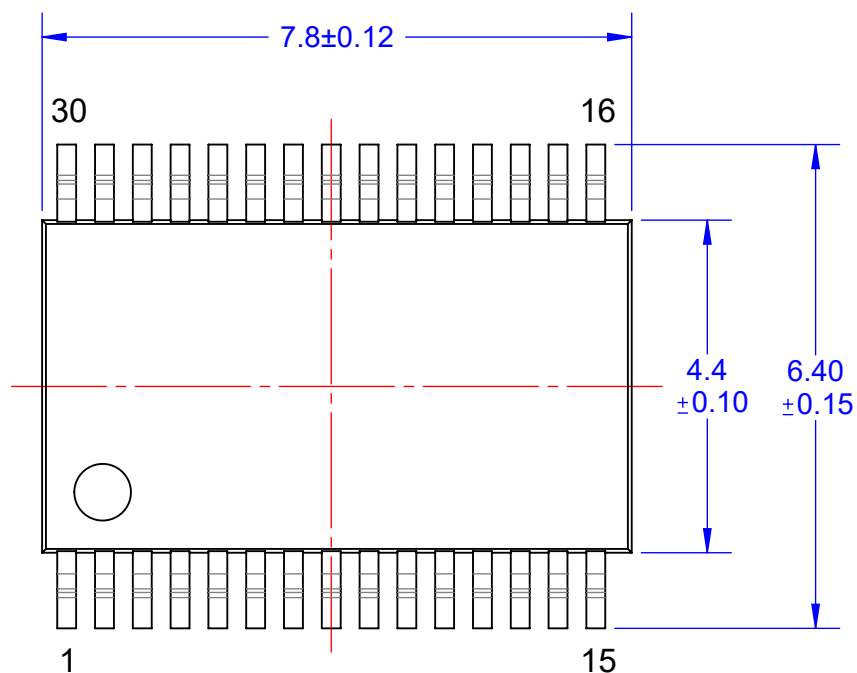
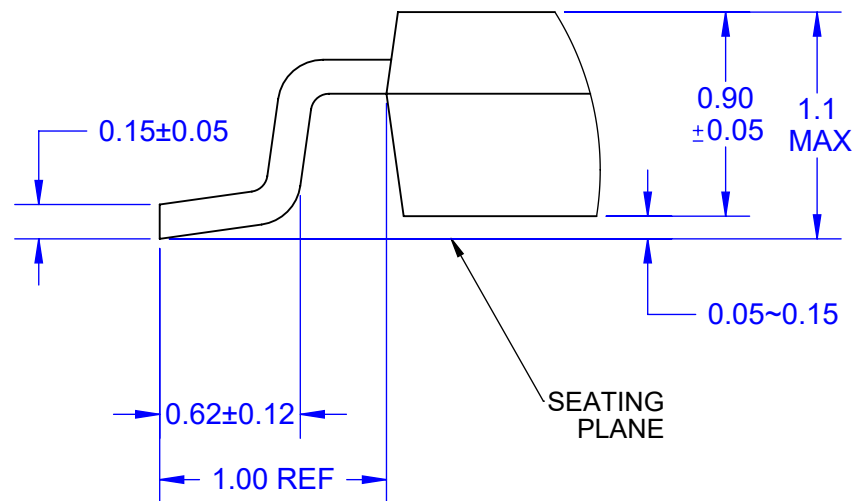


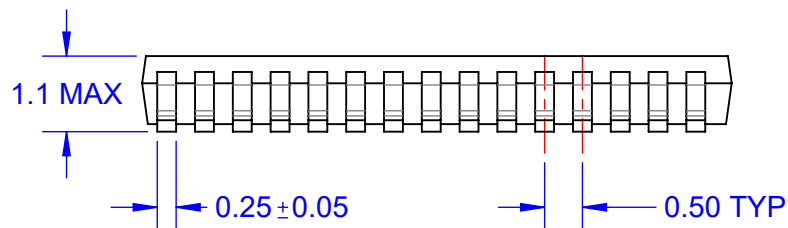
TOP VIEW



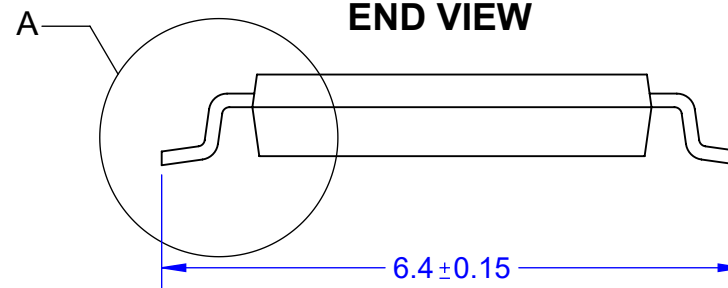
DETAIL A



SIDE VIEW



END VIEW

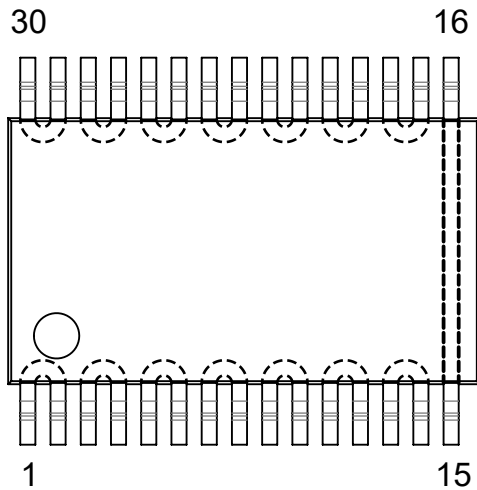


Notes: (Unless Otherwise Specified)

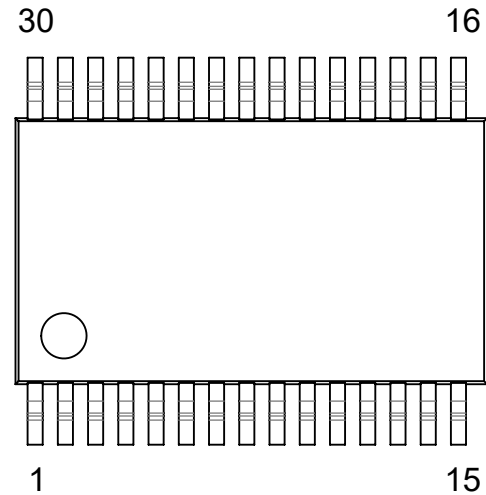
1. DIMENSIONS mm.
2. SEE DAISY CHAIN JUMPER DIAGRAMS (PAGE 2).
3. SEE PART NUMBER CONFIGURATION (PAGE 3).
4. RECOMMENDED PC BOARD LAYOUT PATTERN (PAGE 5).

APPROVALS	DATE	TopLine®			
DRAWN T.Au	12/14/2023				
ENG M. Hart	12/14/2023	TITLE TSSOP30 OUTLINE PACKAGE			
MFG		SCALE	SIZE	DRAWING NO.	REV
QA		10:1	A	123006	A
CUST		DO NOT SCALE DRAWING			SHEET 1 OF 6
REVISED					

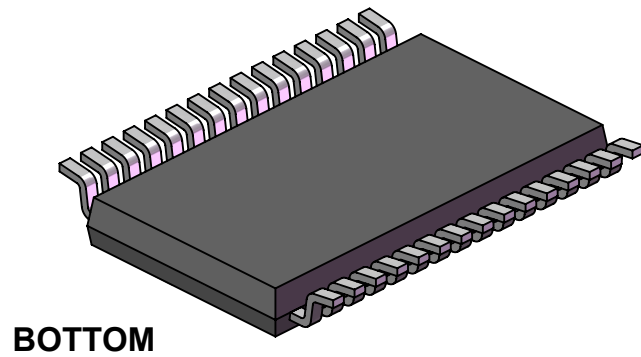
INTERNAL WIRING CIRCUIT (JUMPER) DAISY CHAIN PART NUMBER SUFFIX TOP VIEW



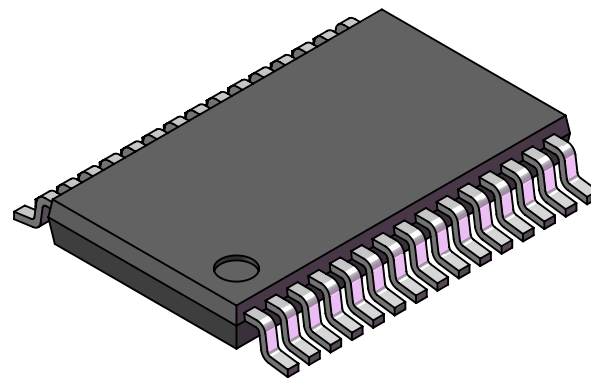
DE
DAISY CHAIN
EVEN



DUMMY
PACKAGE



BOTTOM

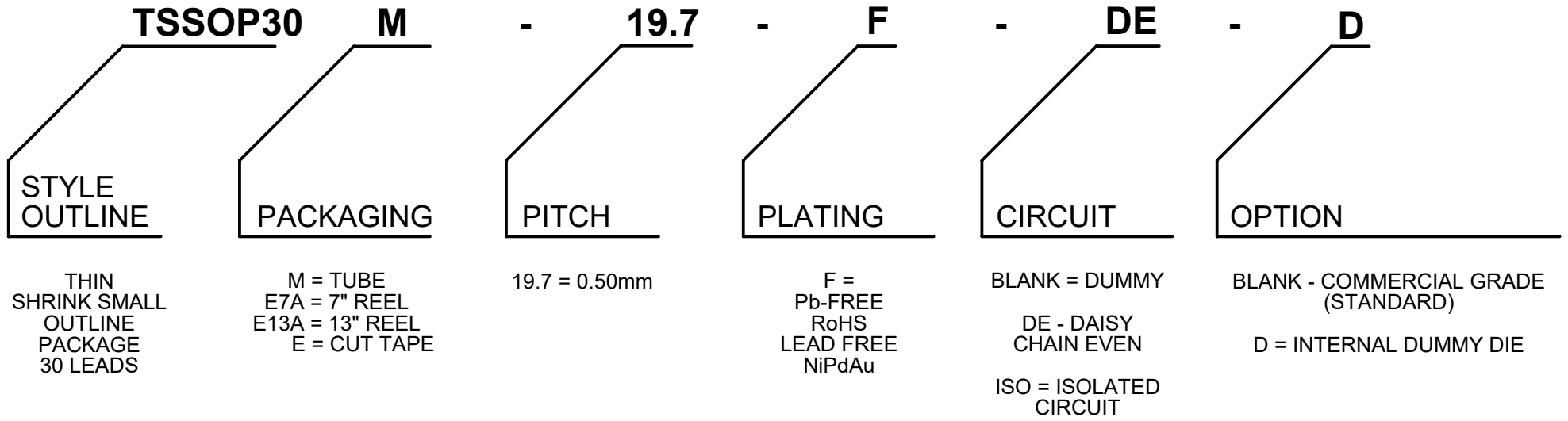


TOP

MODEL

TopLine®			
TITLE TSSOP30 OUTLINE PACKAGE			
SCALE 8:1	SIZE A	DRAWING NO. 123006	REV A
DO NOT SCALE DRAWING			SHEET 2 OF 6

PART NUMBERING SYSTEM



PART NUMBER	SHORTED PINS	NOTES	RoHS Pb-FREE	PACKAGING
TSSOP30M19.7-F-D	N/A	DUMMY	YES	TUBE
TSSOP30E19.7-F-D	N/A	DUMMY	YES	REEL
TSSOP30E13A19.7-F-D	N/A	DUMMY	YES	REEL
TSSOP30M19.7-T-DE-D	1~2, 3~4, 5~6, 7~8, 9~10, 11~12, 13~14, 15~16, 17~18, 19~20, 21~22, 23~24, 25~26, 27~28, 29~30	DAISY CHAIN	YES	END OF LIFE

TopLine®

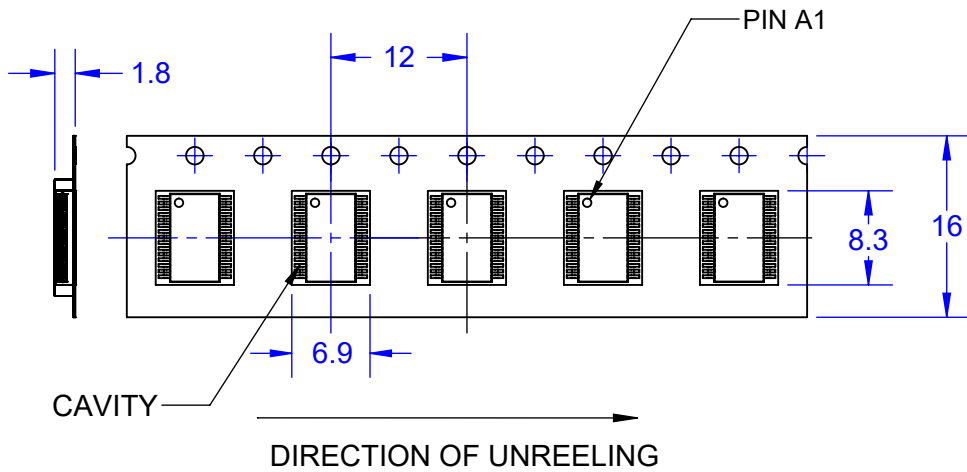
TITLE TSSOP30
OUTLINE PACKAGE

SCALE NONE	SIZE A	DRAWING NO. 123006	REV A
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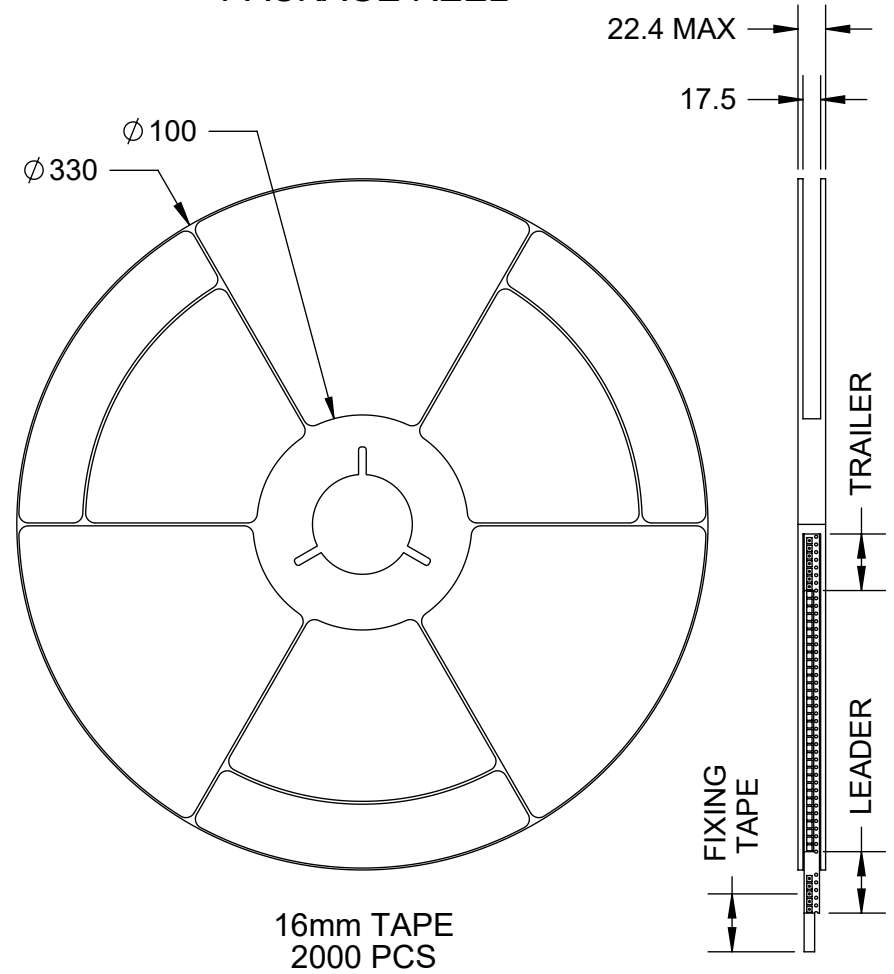
DO NOT SCALE DRAWING SHEET 3 OF 6

TAPE SPECIFICATION TSSOP30 SURFACE MOUNT DEVICE

TAPE DIMENSIONS



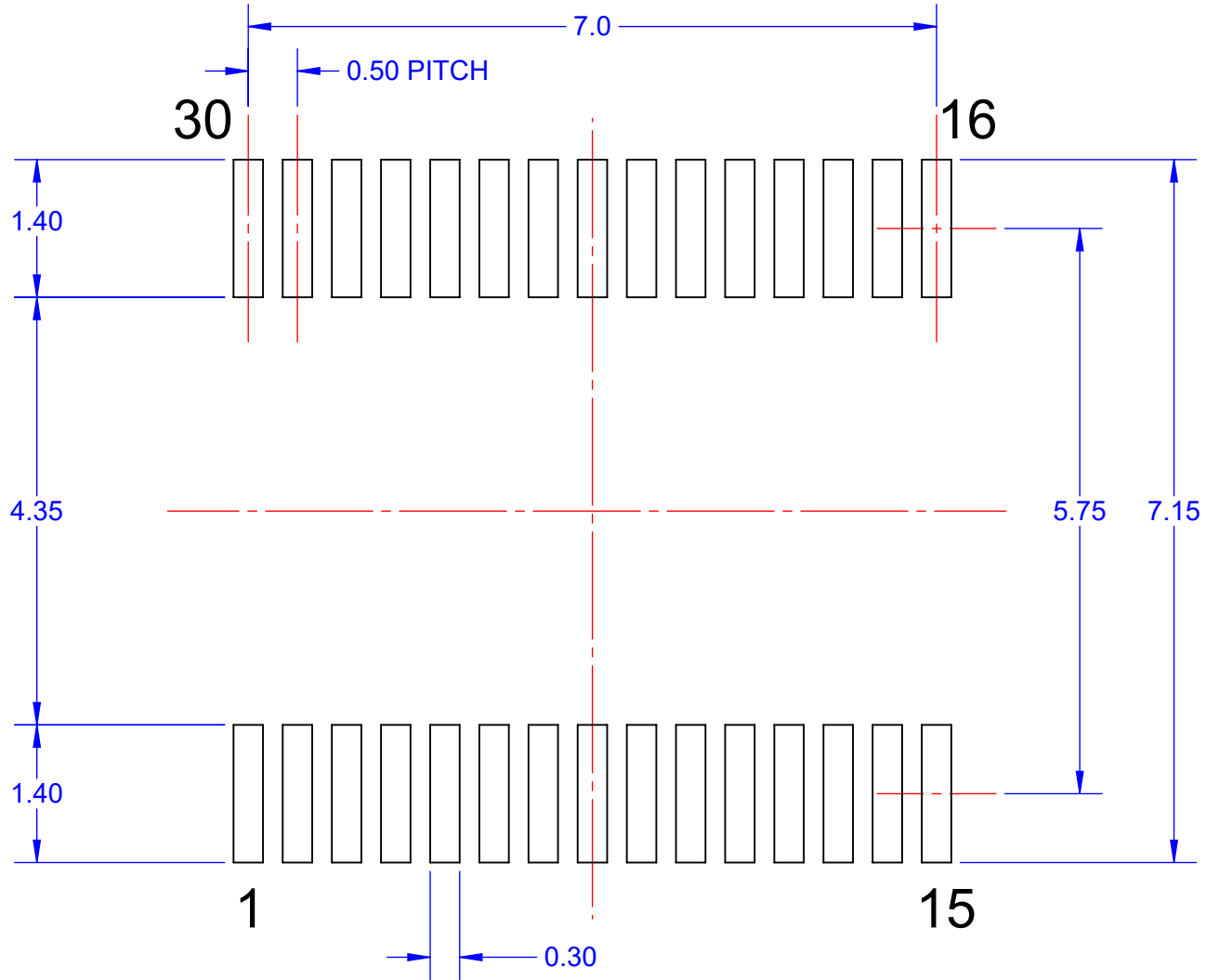
PACKAGE REEL



ALL DIMENSIONS IN mm.

TopLine®			
TITLE		TSSOP30 OUTLINE PACKAGE	
SCALE	SIZE	DRAWING NO.	REV
3:2	A	123006	A
DO NOT SCALE DRAWING			SHEET 4 OF 6

PCB BOARD LAND PATTERN

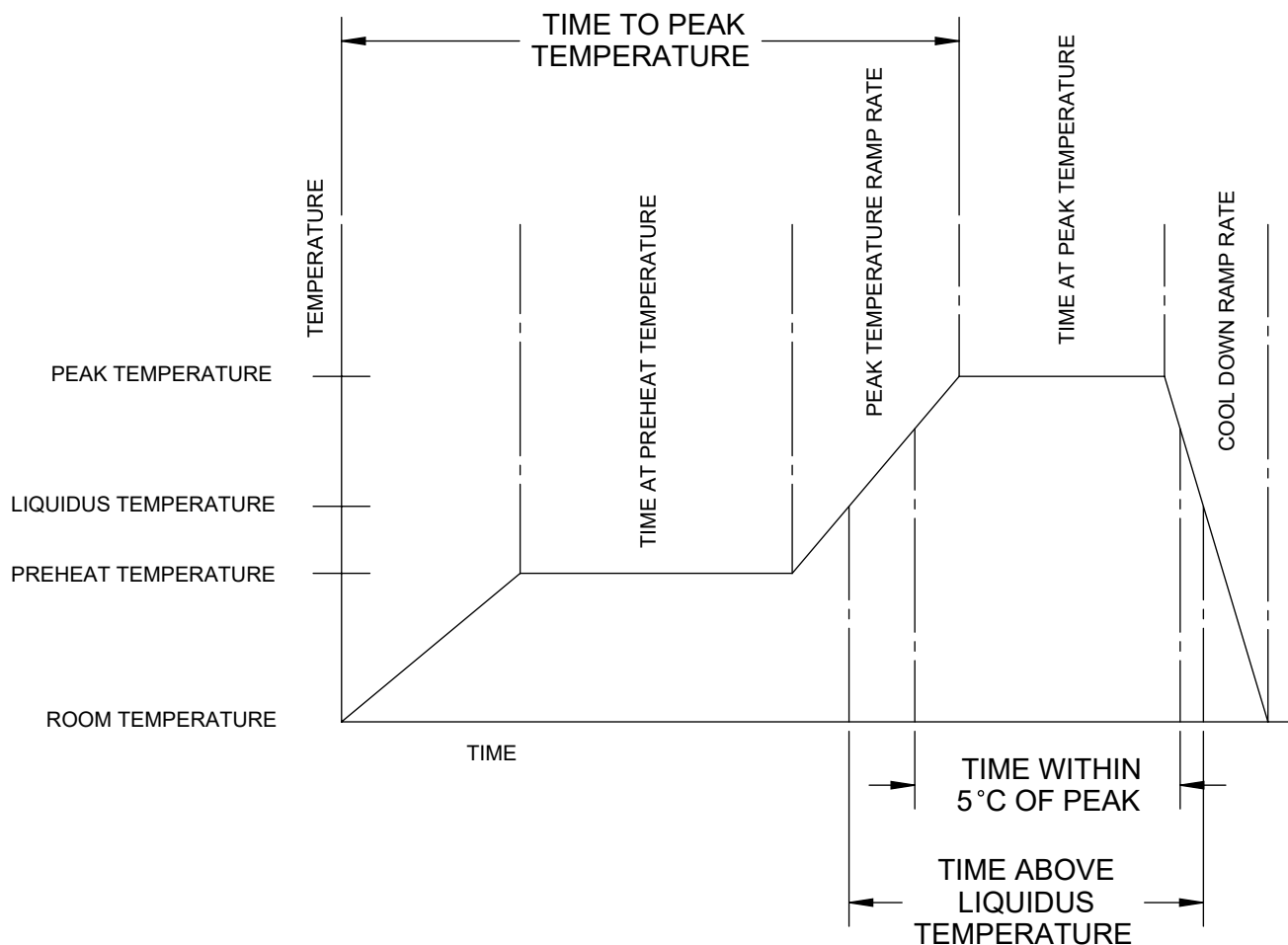


Notes: (Unless Otherwise Specified)

1. DIMENSIONS ARE IN mm.
2. PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE.
3. DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.

TopLine®			
TITLE		TSSOP30 OUTLINE PACKAGE	
SCALE	SIZE	DRAWING NO.	REV
12:1	A	123006	A
DO NOT SCALE DRAWING			SHEET 5 OF 6

LEAD FREE REFLOW PROFILE OF SMD PACKAGE



DESCRIPTION	REQUIREMENT
AVERAGE PREHEAT RAMP RATE	3°C /SECOND MAXIMUM
PREHEAT TEMPERATURE	150°C MINIMUM, 200°C MAXIMUM
PREHEAT TIME	60 TO 80 SECONDS
RAMP TO PEAK	3°C /SECOND MAXIMUM
TIME OVER LIQUIDUS (217°C)	60 TO 150 SECONDS
PEAK TEMPERATURE	260°C +0/-5°C
TIME WITHING 5°C OF PEAK	20 TO 40 SECONDS
RAMP - COOL DOWN	6°C /SECONDS MAXIMUM
TIME 25°C TO PEAK	6 MINUTES MAXIMUM

TopLine®

TITLE TSSOP30
OUTLINE PACKAGE

SCALE NONE	SIZE A	DRAWING NO. 123006	REV A
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DO NOT SCALE DRAWING

SHEET 6 OF 6