

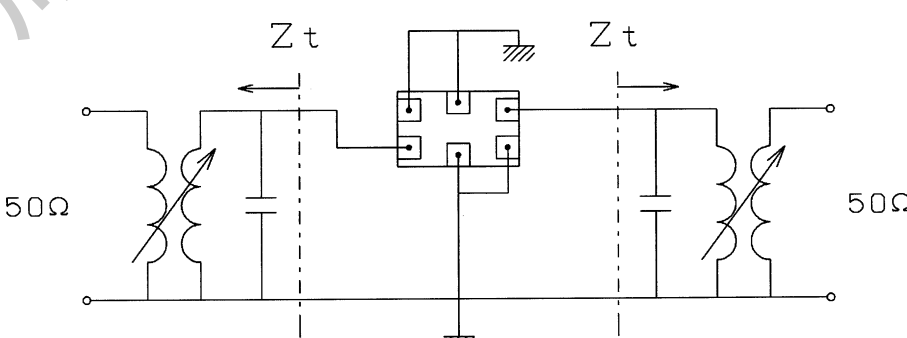
MCF SPEC		TITLE 130S30AB	SPEC. NO SAMCF-1152	
SECTION TECHNICAL, DEP.	DATE 24.9.11	REV. 1		PAGE 1/4

1. MODEL NAME

130S30AB SMD (7050M) 3POLE 3rd overtone

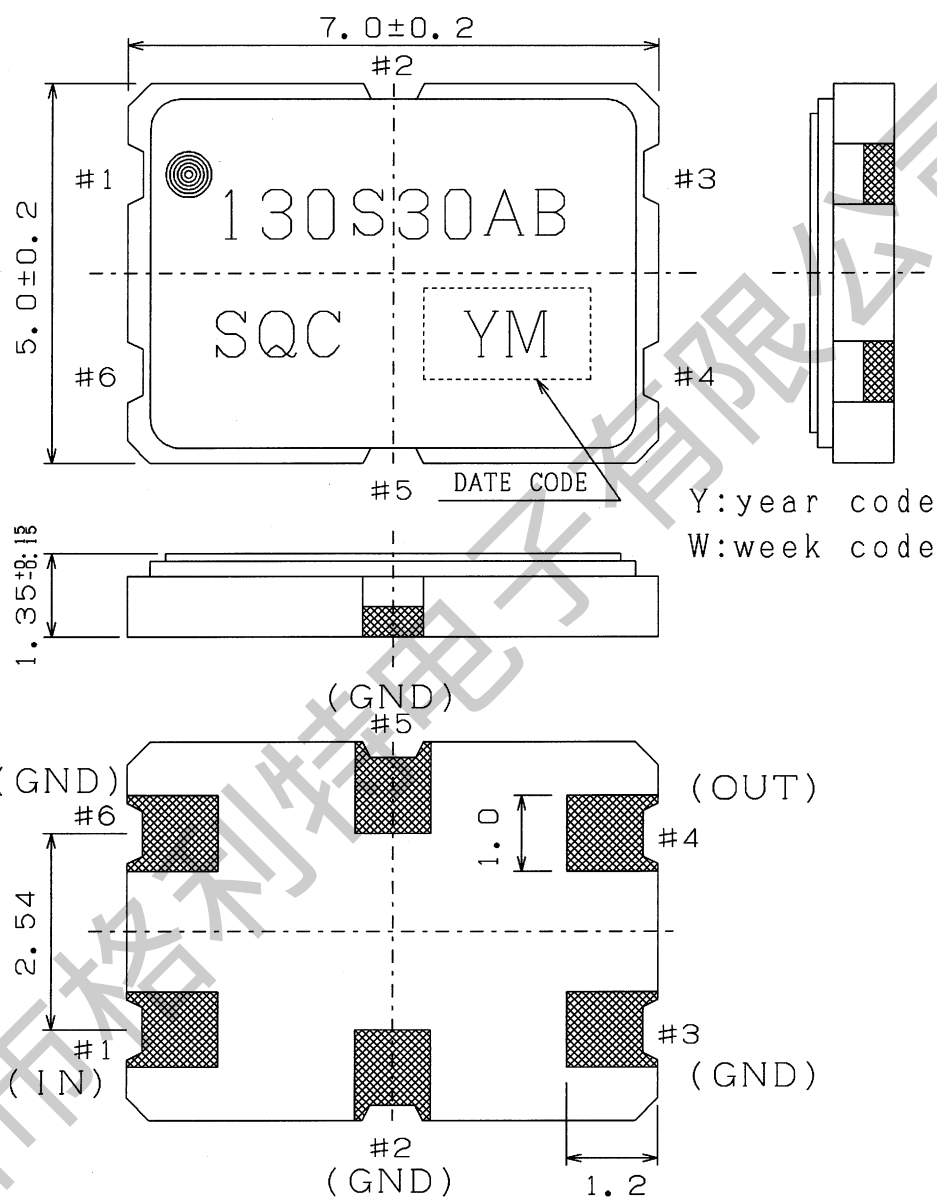
2. ELECTRICAL CHARACTERISTIC

2.1 CENTER FREQUENCY(F0)	: 130.000MHz
2.2 INSERTION LOSS	: 5.0dB max
2.3 RIPPLE	: 1.0dB max
2.4 PASS BANDWIDTH(at 3dB)	: $\pm 15.0\text{kHz}$ min
2.5 STOP BANDWIDTH(at 20dB)	: $\pm 50.0\text{kHz}$ max
2.6 SPURIOUS	: N/A
2.7 GROUP DELAY DISTORTION	: N/A
2.8 GUARANTEED ATTENUATION	
: 70dB min(AT F0-910kHz)	
2.9 TERMINATING IMPEDANCE	
: $910\Omega \pm 5\% // -1.0\text{pF} \pm 0.3\text{pF}$ (TBD)	
2.10 OPERATING TEMPERATURE RANGE	: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
2.11 STORAGE TEMPERATURE RANGE	: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$
2.12 MAXIMUM DRIVE LEVEL	: 0dBm
2.13 TEST CIRCUIT	



APP A. ONO	DESCRIPTION
CHK' D	
CHK' D T. SASAKI	
DRAW K. OOHASHI	

3. OUTLINE and Marking



*DATE CODE

An example 2006 December → 6M

Manufactured year: Indicate a last of A.D Year

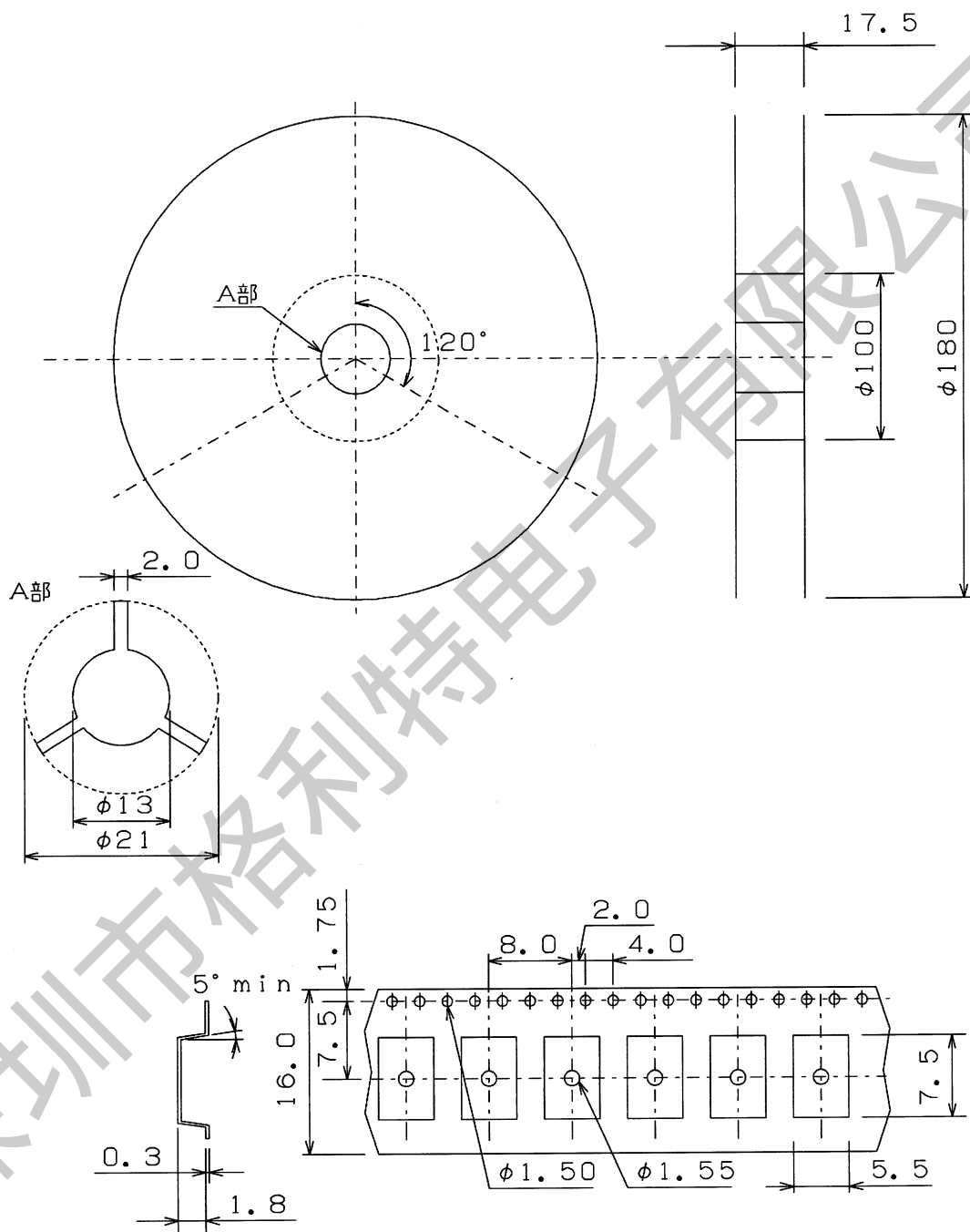
Manufactured month: Month code indication

Letter	A	B	C	D	E	F	G	H	J	K	L	M
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

APP
A. ONO
CHK' D
CHK' D
T. SASAKI
DRAW
K. OOHASHI

Discription

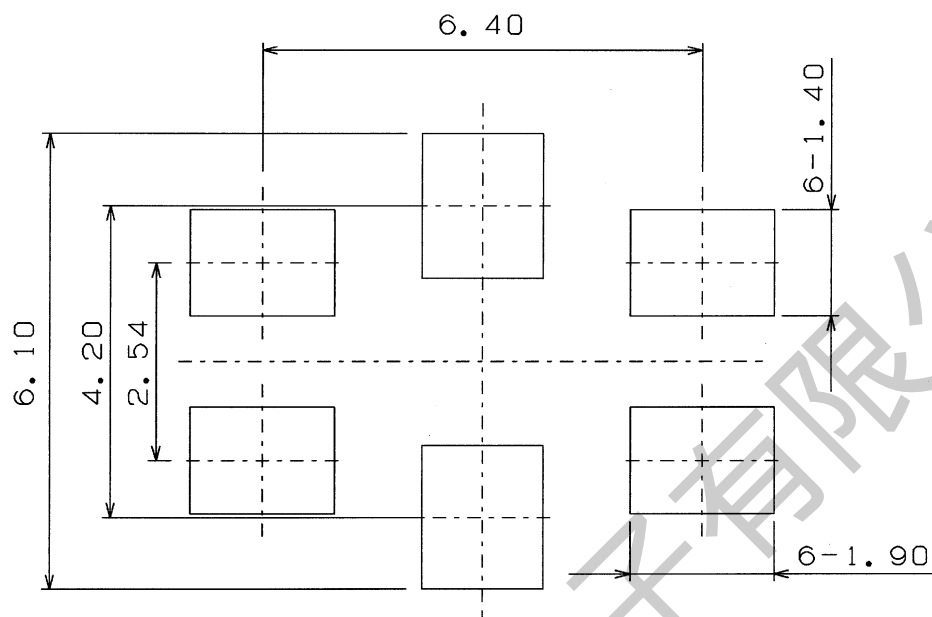
4. TAPE AND REEL



APP
A. ONO
CHK' D
T. SASAKI
DRAW
K. OOHASHI

Discription

5. LAND PATTERN

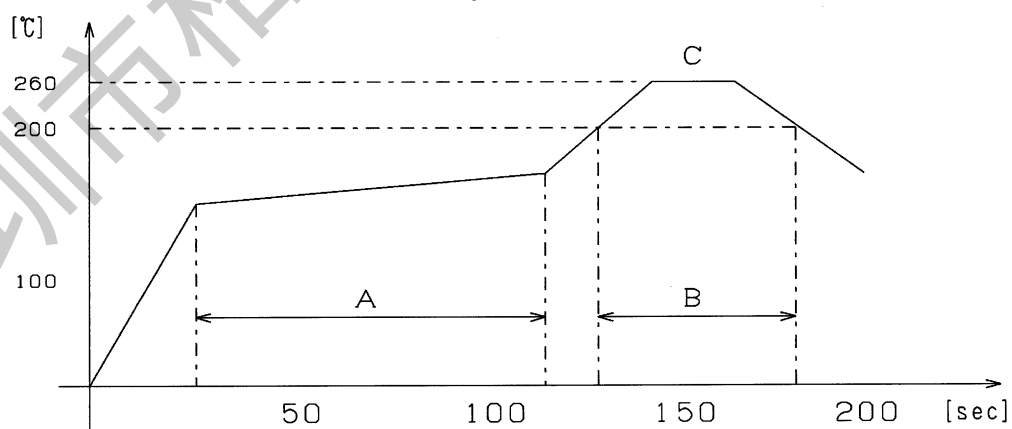


6. REFLOW CONDITION

A: $185^{\circ}\text{C} \pm 5^{\circ}\text{C}$ (60~120sec)

B: $225^{\circ}\text{C} \pm 5^{\circ}\text{C}$ (10~30sec)

C: PEAK TEMP. $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$ (10sec max)



Reflow profile

APP
A. ONO
CHK' D
CHK' D
T. SASAKI
DRAW
K. OOHASHI

Discription