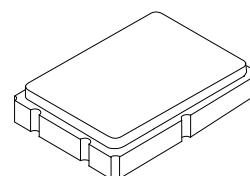


**XFL8008B**

**21.7 MHz  
Crystal Unit**



**SM5070-6 Case**

## Features:

- Surface Mount Seam Weld Package
- 3-pole IF Filter
- High Reliability
- Moisture Sensitivity Level: 1

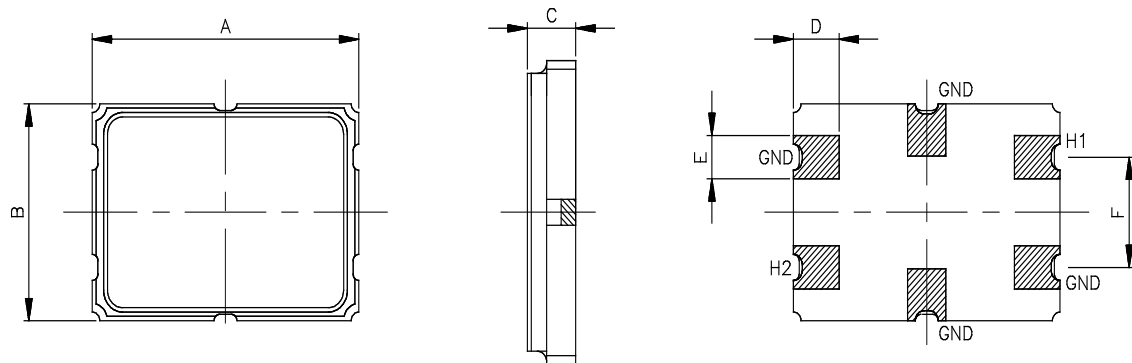
## Description and Applications:

Surface mount 5.0mmx7.0mm crystal filter for use in wireless telecommunication devices.

## Electrical Specifications:

<b>XFL8008B</b>	<b>Specification</b>
Center Frequency Fo	21.7 MHz, Fundamental
Insertion Loss	3.0 dB max.
Ripple (@+/-3.75 KHz)	1.0 dB max.
3 dB Passband	+/- 3.75 KHz
Stopband (@+/- 20 KHz)	20 dB min
Ultimate Attenuation @ Fo-910 KHz	60 dB min
Spurious	10 dB min
Terminating Impedance	850Ω// 6pF
Operating Temperature	-20°C ~ +70°C
Marking	Laser marking

## Mechanical Dimensions (mm):

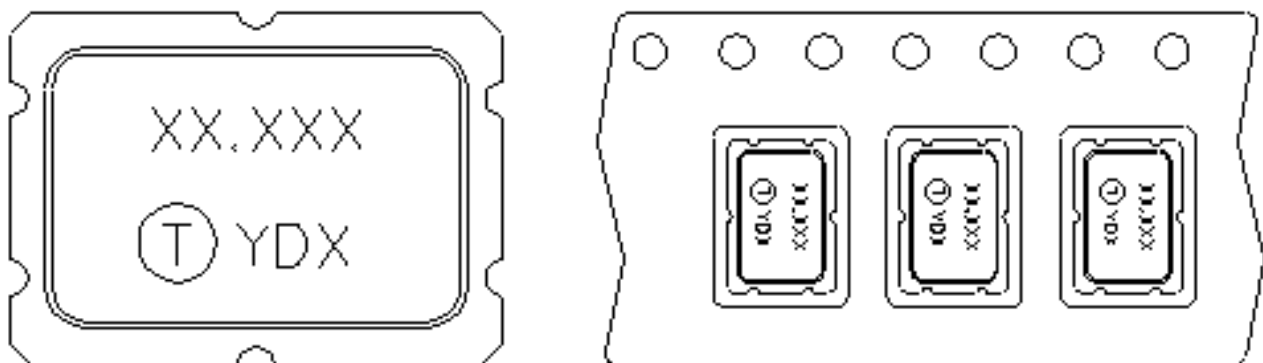


A	B	C	D	E	F
7.00 ±0.18	5.00 ±0.18	1.27 ±0.20	1.21 ±0.13	0.99 ±0.13	2.54 ±0.13

## Marking:

Line 1: 21.400 (Customer Frequency)

Line 2: Crystal Filter Product Code + Date Code

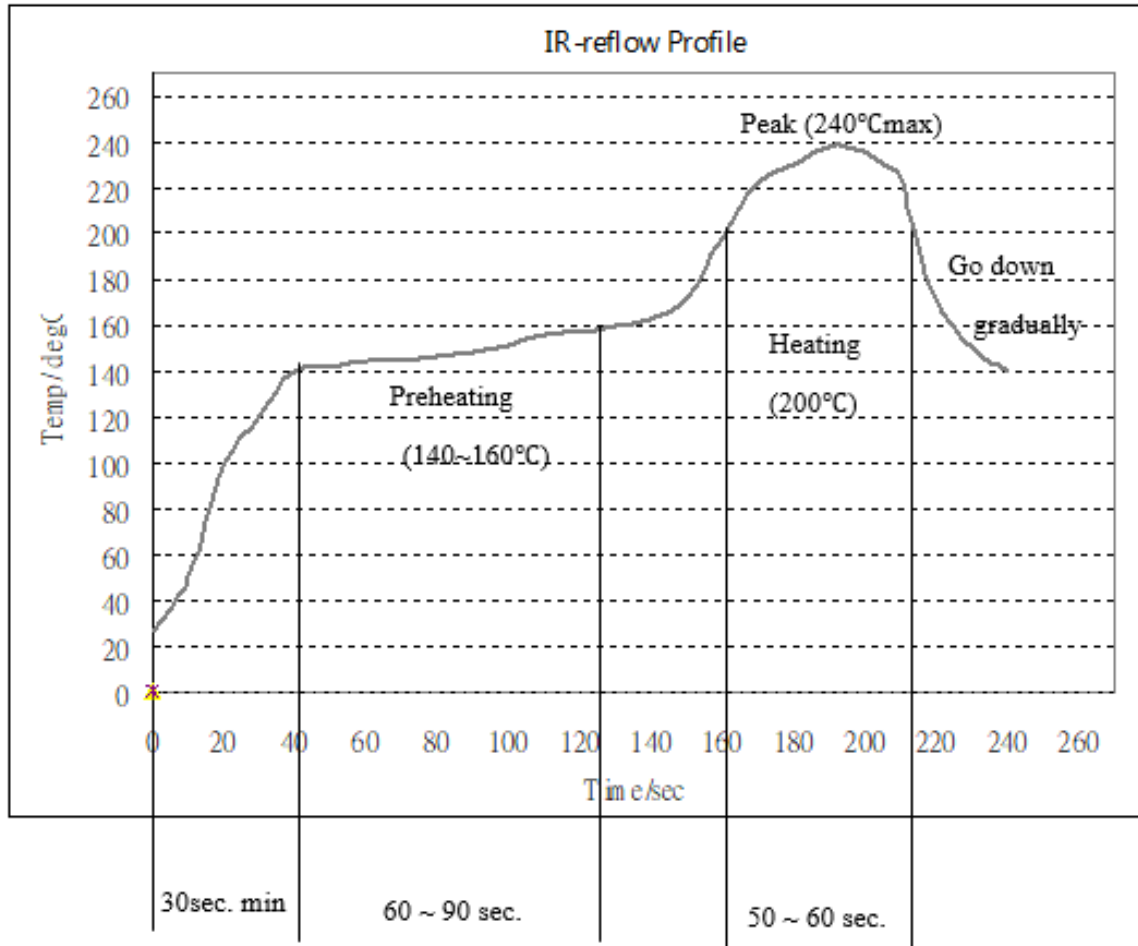


7" Reel Count = 1000



## Reflow Profile:

1. Preheating shall be fixed at 140 ~ 160 °C for 60 ~ 90 seconds.
2. Ascending time to preheating temperature 150 °C shall be 30 seconds min.
3. Heating shall be fixed at 200 °C for 50 ~ 60 seconds and at 230±10 °C peak.



**CAUTION: Electrostatic Sensitive Device. Observe precautions for handling.**

### NOTES:

1. The design, manufacturing process, and specifications of this device are subject to change.
2. US or International patents may apply.
3. RoHS compliant from the first date of manufacture.