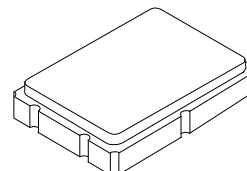


XFL8012B-1

45.0 MHz Crystal Unit



SM5070-6 Case

Features:

- Surface Mount Seam Weld Package
- 3-pole IF Filter
- Excellent Reliability Performance

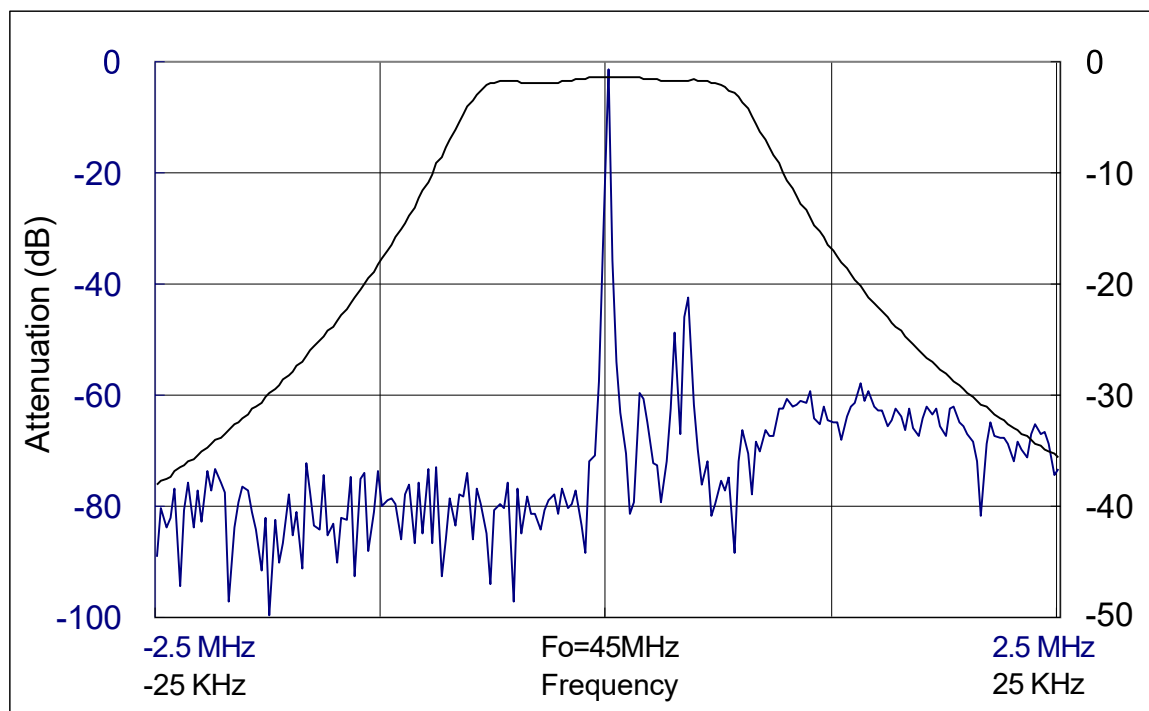
Description and Applications:

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

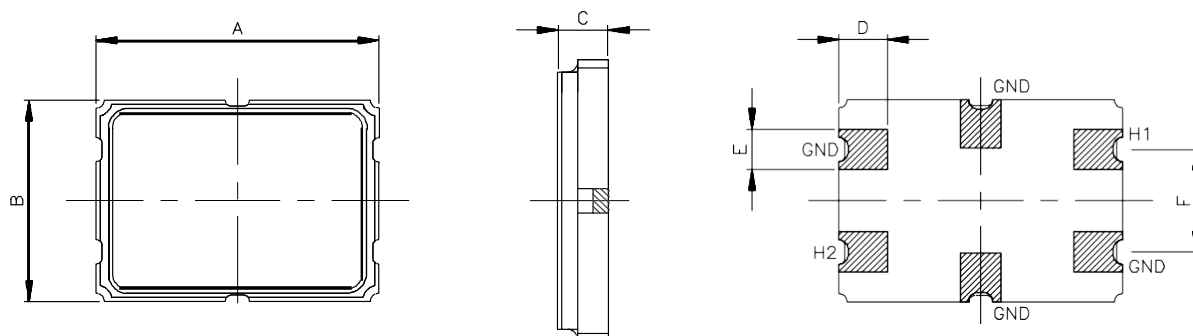
Electrical Specifications:

XFL8012B-1	Specification
Center Frequency Fo	45.0 MHz, Fundamental
Insertion Loss	3.0 dB max
Ripple (@+/-6.0 KHz)	1.0 dB max
3 dB Passband	+/-7.5 KHz
Stopband (@+/-25 KHz)	15 dB min
Ultimate Attenuation @ Fo-910 KHz	70 dB min
Spurious	10 dB min
Terminating Impedance	650Ω// 3.5pF
Operating Temperature	-20°C ~ +70°C
Marking	Laser marking

Frequency Response:



Mechanical Dimensions (mm):

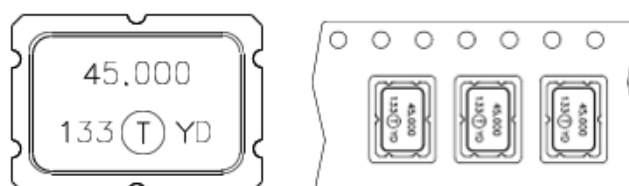


A	B	C	D	E	F
7.00 ± 0.18	5.00 ± 0.18	1.27 ± 0.20	1.21 ± 0.13	0.99 ± 0.13	2.54 ± 0.13

Marking:

First line: Frequency (45.000)

Second line: Model Number+Crystal Filter Family+Date code



Product Code Table

Year	2001 2005	2002 2006	2003 2007	2004 2008
Product Code	Y	y	<u>Y</u>	<u>y</u>

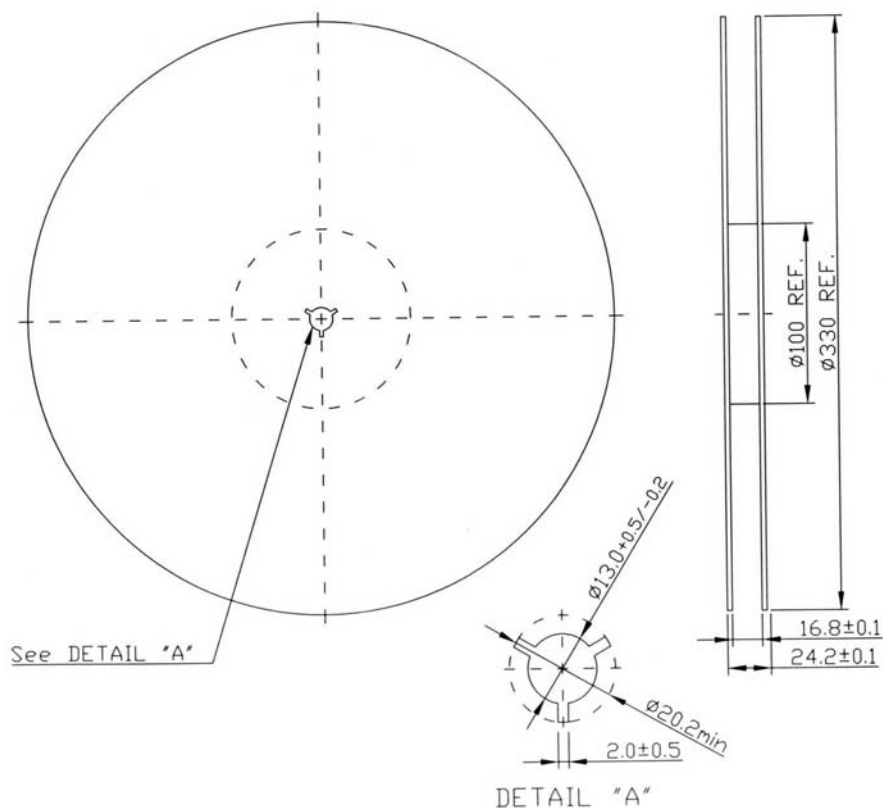
Date Code Table

WK01	WK02	WK03	WK04	WK05	WK06	WK07	WK08	WK09	WK10	WK11	WK12	WK13
A	B	C	D	E	F	G	H	I	J	K	L	M
WK14	WK15	WK16	WK17	WK18	WK19	WK20	WK21	WK22	WK23	WK24	WK25	WK26
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
WK27	WK28	WK29	WK30	WK31	WK32	WK33	WK34	WK35	WK36	WK37	WK38	WK39
a	b	c	d	e	f	g	h	i	j	k	l	m
WK40	WK41	WK42	WK43	WK44	WK45	WK46	WK47	WK48	WK49	WK50	WK51	WK52
n	o	p	q	r	s	t	u	v	w	x	y	z

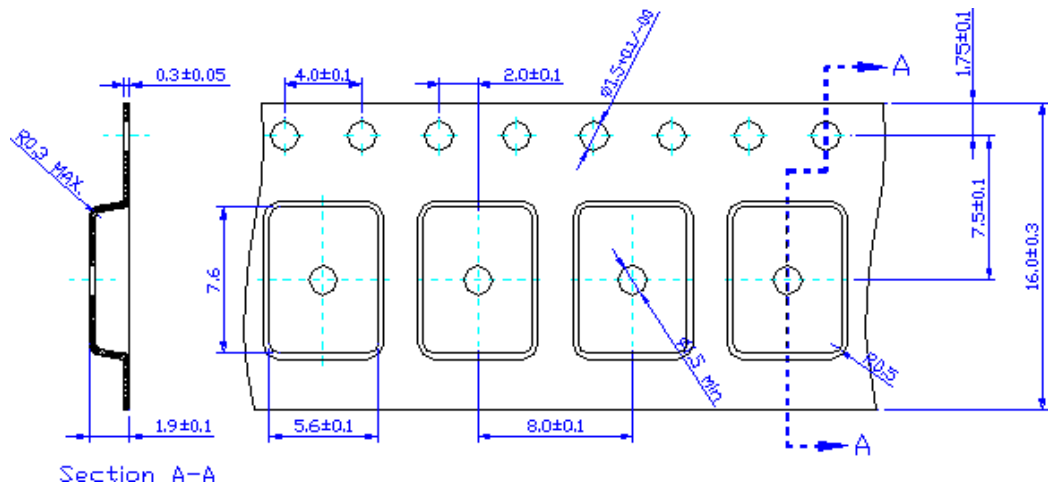
Reel Dimensions (mm):

Reel Count:

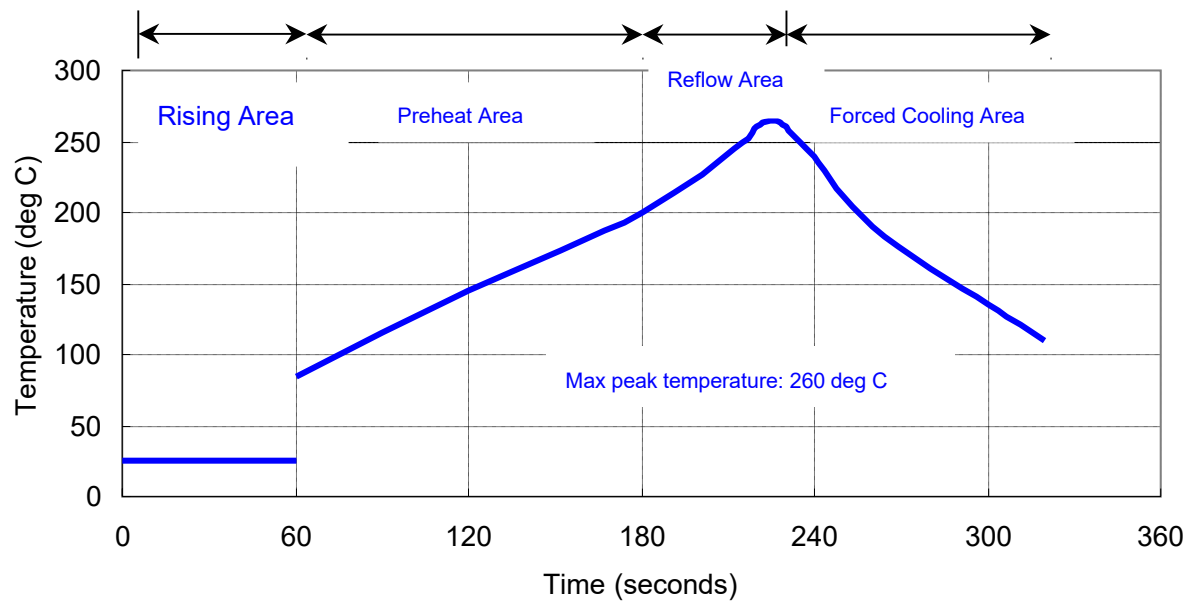
7" = 1000



Tape Dimensions (mm):



Reflow Profile:



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.