SPECIFICA7	hnology Corp TON FOR A		
CUSTOMER			
NOMINAL FREQUENCY	L FREQUENCY 24.0		
PRODUCT TYPE	TYPE FL 3.2x2.5 S	EAM SEALED CRYSTA	
SPEC. NO. (P/N)	2400072		
CUSTOMER P/N			
ISSUE DATE	SUE DATE Janua		
VERSION		В	
APPROVED	PREPARED	QA	
Brenda	Niflai Lu	fillin	
APPROVED BY	AVL Status		
Please return one copy w	vith approval to PSE-TW		
PSE Technology Corpor	ration		
No.2, Tzu-Chiang 5th Rd, Chung Li Chung Li City, Taoyuan County, Ta TEL: 886-3-451-8888 FAX: 886-3-461-3865 http://www.saronix-ecera.com.tw	iwan (R.O.C.) *RoH *HF-F	*Pb-free *RoHS Compliant *HF-Halogen Free *REACH Compliant	

FL2400072

VER. B 11-Jan-11

VERSION HISTORY

Version No.	Version Date	Customer Receipt Date	Supplier Receipt Date	Description	Notes
A	Jul.6,2010			Initial Release	
В	Jan.11,2011			Revise Format	

PERICOM SaRonix-ecera

FL2400072

VER. B 11-Jan-11

ELECTRICAL SPECIFICATIONS

Symbol	Specifications	Units	Notes
Fn	24.000000	MHz	
MO	AT Cut-Fundamental		
CL	18	pF	
FL	±30	ppm	at 25°C±3°C
TR	-40 to +85	°C	
F/T	±30	ppm	Reference to the Frequency at 25°C
	10	μW	
	100	μW	
ESR	60	Ω	Мах
C0	5	pF	Max
	±5	ppm	Max, 1st year
	-55 to +125	°C	
	500	MΩ	Min
	Fn MO CL FL TR F/T ESR	Fn 24.00000 MO AT Cut-Fundamental CL 18 FL ±30 TR -40 to +85 F/T ±30 TR -40 to +85 F/T ±30 C0 5 C0 5 -55 to +125	Fn 24.000000 MHz MO AT Cut-Fundamental CL 18 pF FL ±30 ppm TR -40 to +85 °C F/T ±30 ppm CL 10 μW ESR 60 Ω C0 5 pF ±5 ppm

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VER. B 11-Jan-11

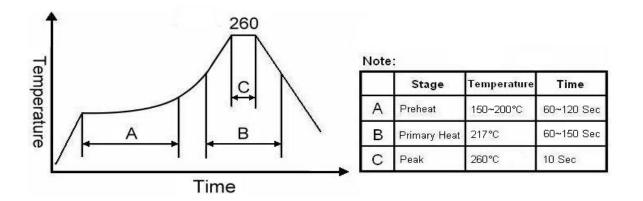
RELIABILITY SPECIFICATIONS

MECHANICAL AND ENVIRONMENTAL RATINGS:

- a) FINE LEAK TEST: JESD22-A109 (Condition 1A)
- b) GROSS LEAK TEST: JESD22-A109 (Condition C)
- c) MOISTURE RESISTANCE: JESD22-A113
- d) SHOCK: JESD22-B104 (Condition B)
- e) SOLDERABILITY : (RoHS version): J-STD-002
- f) VIBRATION: JESD22-B103
- g) SOLVENT RESISTANCE: JESD22-B107
- h) RESISTANCE TO SOLDERING HEAT (RoHS version): J-STD-020D Table 5.2 Pb free devices (3 cycles max)

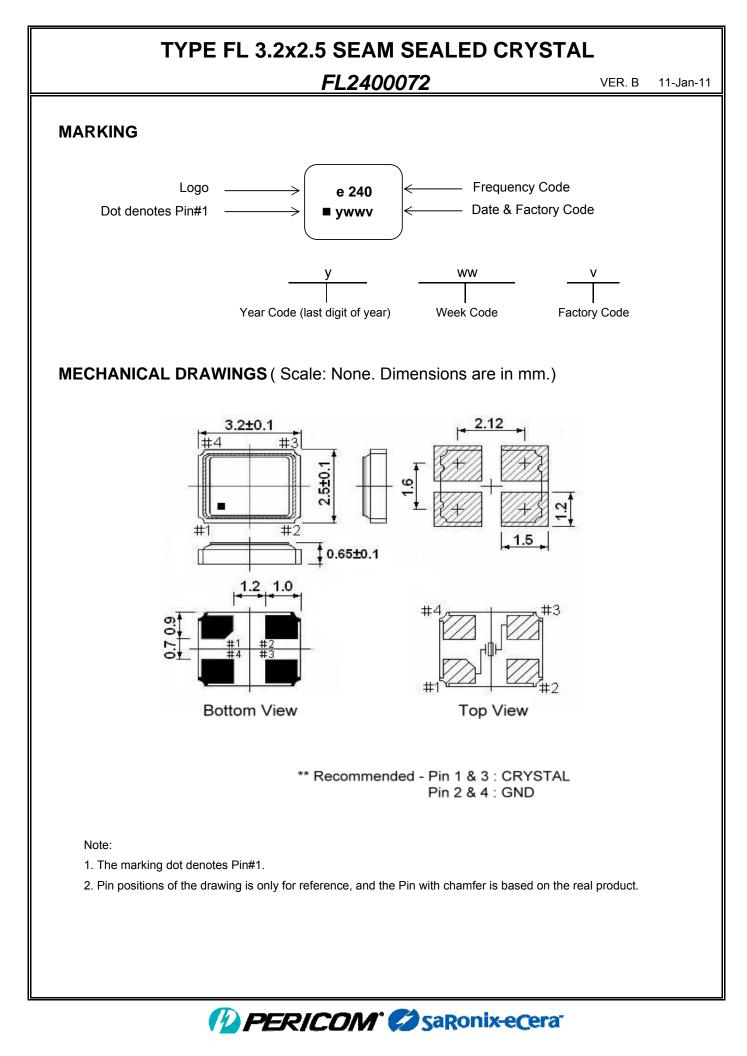
SUGGESTED IR REFLOW PROFILE

*As per IPC-JEDEC J-STD-020D



For soldering reflow profile and reliability test ratings go to: http://www.pericom.com/pdf/sre/reflow.pdf

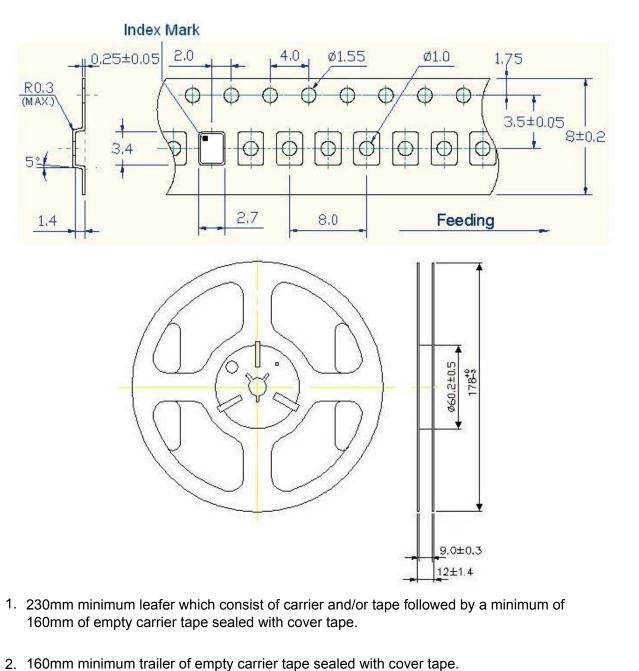




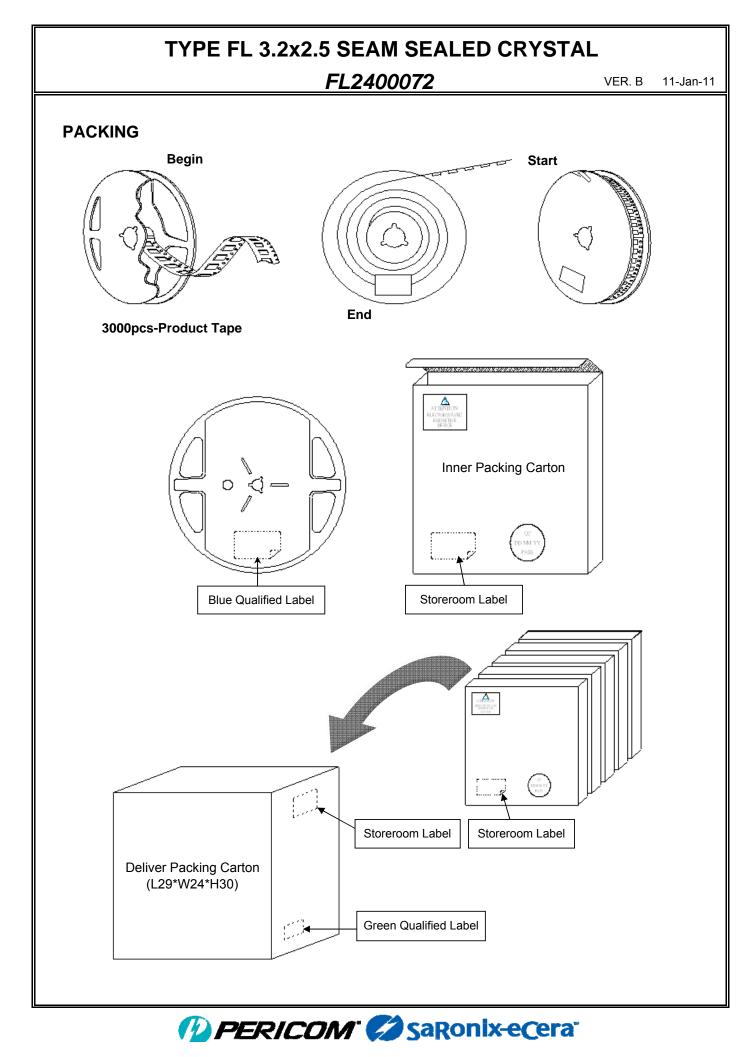
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