# Product nameTSX-322540.000000 MHz11.9+10.0-10.0Product Number / Ordering codeX1E0000210775xx

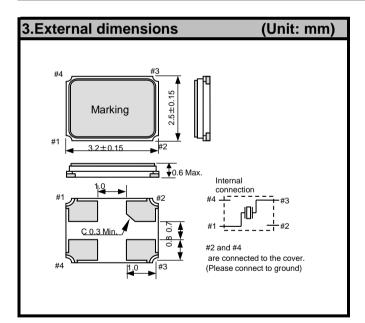
Please refer to the 5.Packing information about xx (last 2 digits)

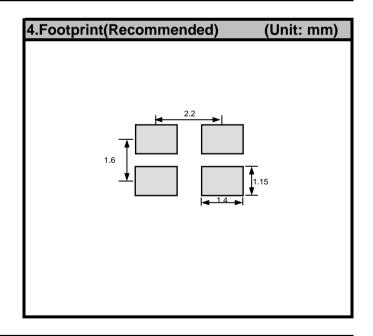
Pb free / Complies with EU RoHS directive

erence weight Typ. 17 m	۱g
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1.Absolute maximum ratings						
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Storage temperature	T_stg	-40	I	+125	°C	Storage as single product
Operating temperature	T_use	-40	I	+105	°C	

2.Specifications(characteristics)						
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Nominal frequency	f_nom	-	40.000000	—	MHz	Fundamental
Frequency tolerance	f_tol	-10	-	+10	x 10- <sup>6</sup>	@+25°C
Frequency Stability over temperature	f_tem	-10	-	+10	x 10 <sup>-6</sup>	-20ºC to +75ºC
Operating temperature	T_use	-20	-	+75	°C	
Level of drive	DL	10	100	200	μW	
Load capacitance	CL	_	11.9	—	pF	
Motional resistance (ESR)	R1	-	-	40	Ω	
Motional capacitance	C1	-	4.41	-	fF	
Motional inductance	L1	-	3.59	-	mH	
Shunt capacitance	C0	-	1.31	-	pF	
Frequency aging	f_age	-2	_	+2	x10 <sup>-6</sup> /yea	@+25ºC, First year



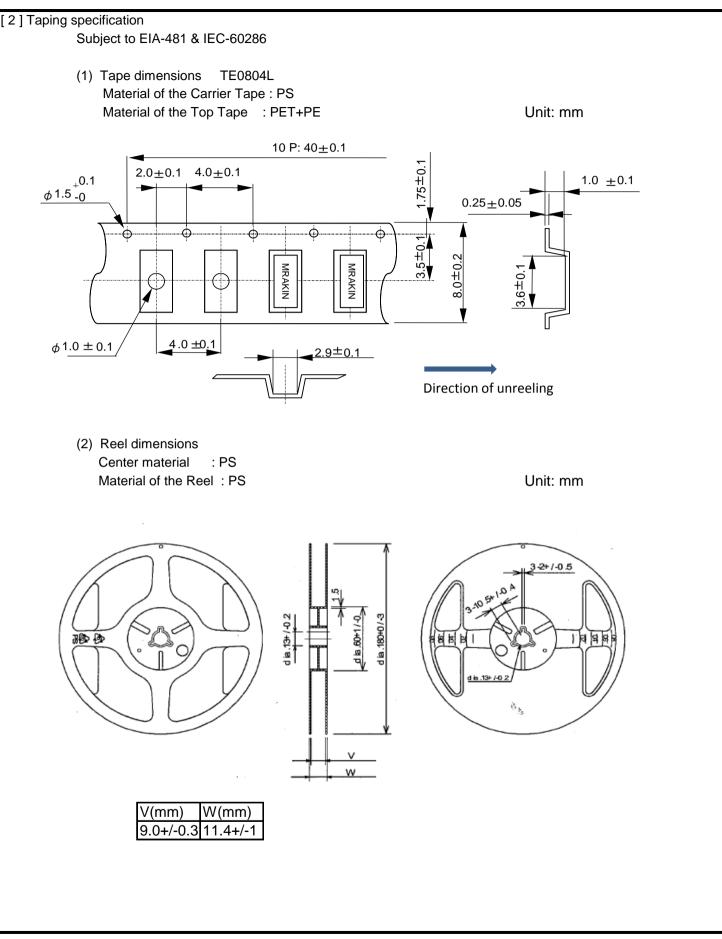


The recommended code is "17"

## 5.Packing information

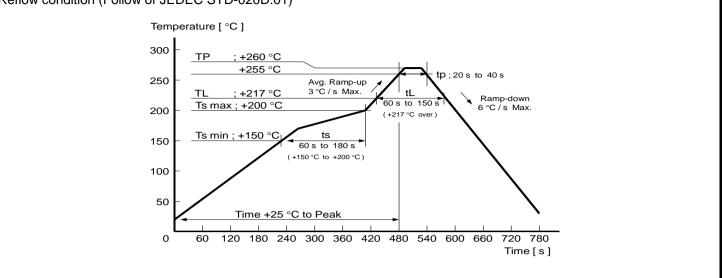
[ 1 ]Product number last 2 digits code (xx) description

X1E00002	210775xx		
Code	Code Condition		Condition
01 Any Q'ty vinyl bag(Tape cut)		00	2000pcs / Reel
11	Any Q'ty / Reel	16	3000pcs / Reel
12	250pcs / Reel	17	4000pcs / Reel
14	1000pcs / Reel		



### 6.Reflow profile

Reflow condition (Follow of JEDEC STD-020D.01)



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- / Medical instruments to sustain life
- / Submarine transmitters
- / Power stations and related
- / Fire work equipment and security equipment
- / Traffic control equipment
- / And others requiring equivalent reliability.

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