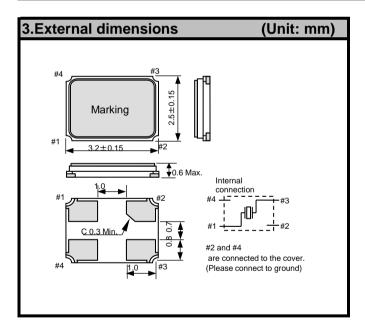
Product nameTSX-322524.000000 MHz20.0 +10.0-10.0Product Number / Ordering codeX1E0000210904xx

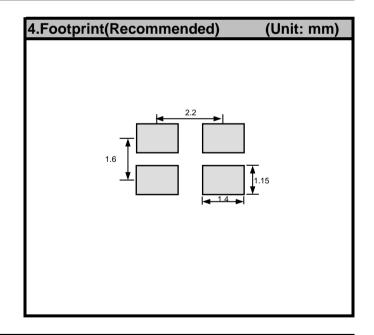
Please refer to the 5.Packing information about xx (last 2 digits)

Pb free / Complies with EU RoHS directive

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		24.000000	_	MHz	Fundamental		
Frequency tolerance	f_tol	-10	-	+10	x 10- ⁶	@+25°C		
Frequency Stability over temperature	f_tem	-10	-	+10	x 10⁻ ⁶	-20ºC to +75ºC		
Operating temperature	T_use	-20	-	+75	°C			
Level of drive	DL	10	100	200	μW			
Load capacitance	CL	_	20	—	pF			
Motional resistance (ESR)	R1	-	-	40	Ω			
Motional capacitance	C1	-	3.48	-	fF			
Motional inductance	L1	-	12.64	-	mH			
Shunt capacitance	C0	-	1.27	-	pF			
Frequency aging	f_age	-1	_	+1	x10 ⁻⁶ /yea	@+25°C, First year		





The recommended code is "17"

5.Packing information

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

X1E0000210904xx Condition Condition Code Code Any Q'ty vinyl bag(Tape cut) 00 2000pcs / Reel 01 3000pcs / Reel 11 Any Q'ty / Reel 16 12 250pcs / Reel 17 4000pcs / Reel 14 1000pcs / Reel



6.Reflow profile

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



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- / Fire work equipment and security equipment
- / Traffic control equipment
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