# Product nameTSX-322532.000000 MHz9.0+10.0-10.0Product Number / Ordering codeX1E0000210162xx

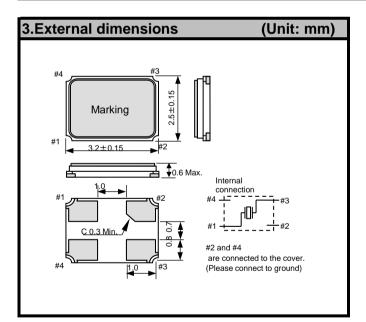
Please refer to the 5.Packing information about xx (last 2 digits)

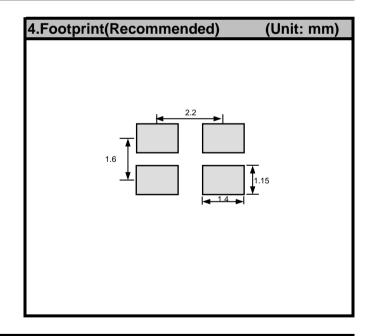
Pb free / Complies with EU RoHS directive

ice weight Typ. 17 mg	Reference
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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		32.000000	_	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	_	9	—	pF		
Motional resistance (ESR)	R1	-	-	40	Ω		
Motional capacitance	C1	-	5.55	-	fF		
Motional inductance	L1	-	4.46	-	mH		
Shunt capacitance	C0	-	1.50	-	pF		
Frequency aging	f_age	-1	_	+1	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

X1E0000210162xx Condition Condition Code Code Any Q'ty vinyl bag(Tape cut) 2000pcs / Reel 01 00 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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- / Fire work equipment and security equipment
- / Traffic control equipment
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