MHz Range Crystal unit FA-238V

Product nameFA-238V14.745600 MHz 18.0 +30.0-30.0Product Number / Ordering codeQ22FA23V00332xx

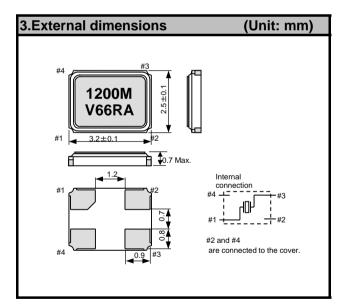
Please refer to the 5.Packing information about xx (last 2 digits)

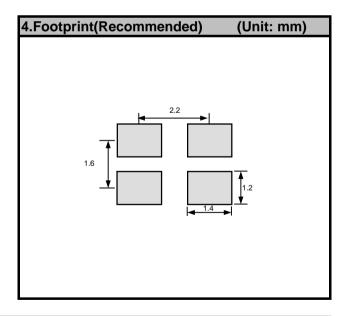
Pb free / Complies with EU RoHS directive

Reference weight Typ. 16 mg

1.Absolute maximum ratings						
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Storage temperature	T_stg	-40	-	+125	°C	Storage as single product
Operating temperature	T_use	-40	-	+105	°C	

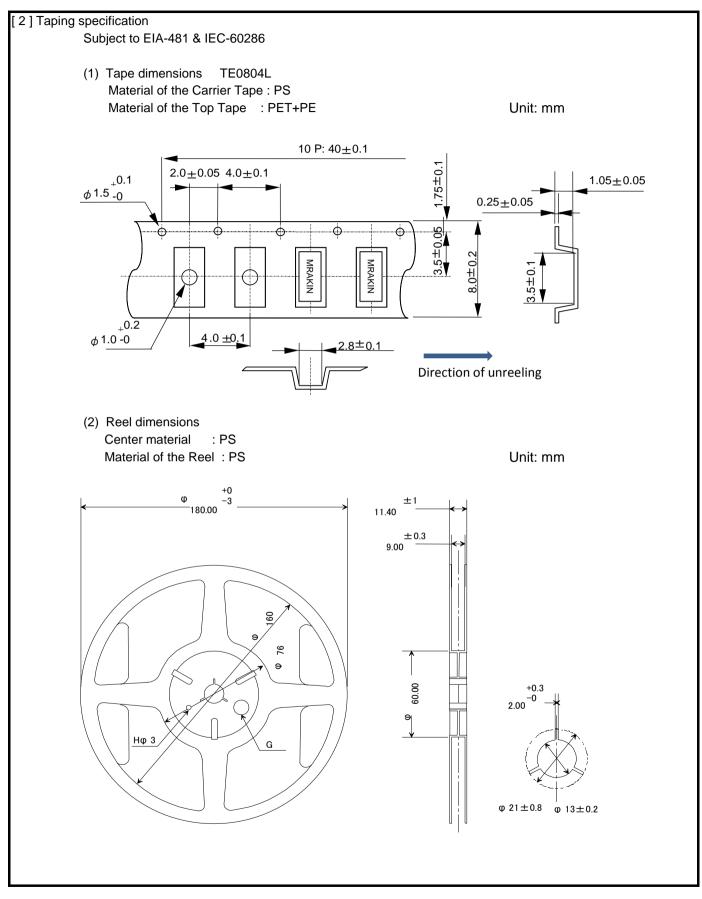
2.Specifications(characteristics)							
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks	
Nominal frequency	f_nom	—	14.745600	-	MHz	Fundamental	
Frequency tolerance	f_tol	-30	-	+30	x 10- ⁶	@+25°C	
Frequency Stability over temperature	f_tem	-30	-	+30	x 10 ⁻⁶	-20ºC to +70ºC	
Operating temperature	T_use	-20	-	+70	°C		
Level of drive	DL	10	100	200	μW		
Load capacitance	CL	—	18	_	pF		
Motional resistance (ESR)	R1	-	-	80	Ω		
Motional capacitance	C1	-	2.70	-	fF		
Motional inductance	L1	-	43.22	-	mH		
Shunt capacitance	C0	-	1.02	-	pF		
Frequency aging	f_age	-5	_	+5	x10 ⁻⁶ /yea	@+25°C, First year	



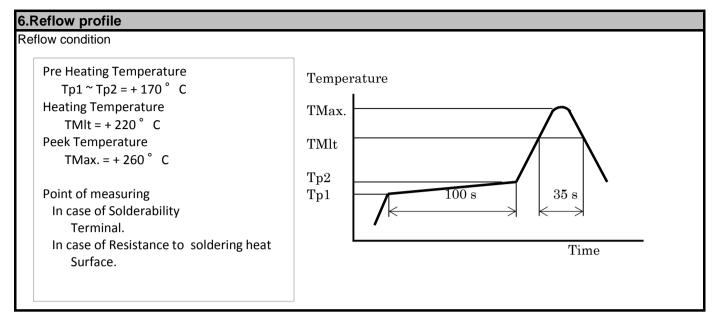


5.Packing	informati	ion			
[1]Product	number la	st 2 digits code (xx) description		The recommended code is "17"	
	Q22FA23	V00332xx			
Code Condition		Code	Condition		
	01	Any Q'ty vinyl bag(Tape cut)	14	1000pcs / Reel	
	11	Any Q'ty / Reel	15	2000pcs / Reel	
	12	250pcs / Reel	00	3000pcs / Reel	
	13	500pcs / Reel	17	4000pcs / Reel	

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	Vou
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	/ Traffic control equipment
	/ And others requiring equivalent reliability.

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