MHz Range Crystal unit

FA-238

 Product name
 FA-238
 16.000000
 MHz 10.0 +20.0-20.0

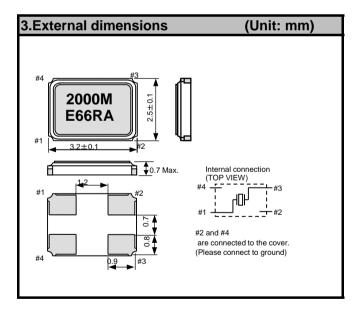
 Product Number / Ordering code
 Q22FA23800483xx

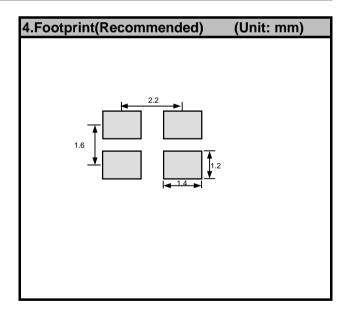
Please refer to the 5.Packing information about xx (last 2 digits)

Pb free / Complies with EU RoHS directive

1.Absolute maximum ratings							
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks	
Storage temperature	T_stg	-40	-	+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	—	16.000000	_	MHz	Fundamental
Frequency tolerance	f_tol	-20	-	+20	x 10- ⁶	@+25°C
Frequency Stability over temperature	f_tem	-30	-	+30	x 10 ⁻⁶	-40°C to +85°C
Operating temperature	T_use	-40	-	+85	°C	
Level of drive	DL	10	100	200	μW	
Load capacitance	CL	—	10	_	pF	
Motional resistance (ESR)	R1	-	-	80	Ω	
Motional capacitance	C1	-	1.96	-	fF	
Motional inductance	L1	-	50.43	-	mH	
Shunt capacitance	C0	-	0.93	-	pF	
Frequency aging	f_age	-5	_	+5	x10 ⁻⁶ /yea	@+25°C, First year





5.Packing in	nformati	on		
[1]Product number last 2 digits code (xx) description			The recommended code is "17"	
G	222FA23	800483xx		
	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
	11 12	Any Q'ty / Reel 250pcs / Reel	15 00	2000pcs / Reel 3000pcs / Reel

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