## MHz Range Crystal unit FA-128

Product name FA-128 25.000000 MHz 12.0 +10.0-10.0 Product Number / Ordering code Q22FA12800090xx

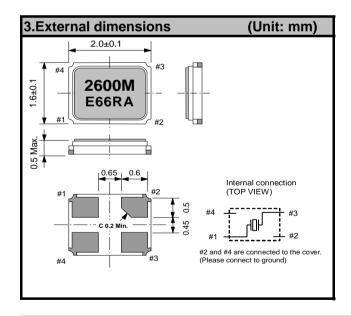
Please refer to the 5.Packing information about xx (last 2 digits)

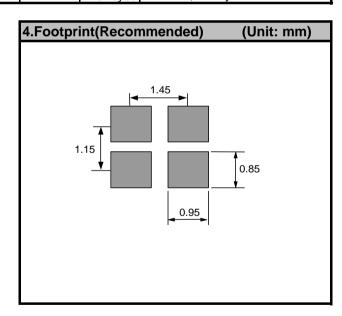
Pb free / Complies with EU RoHS directive

Reference weight Typ. 7 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	٥C	

2.Specifications(character	ristics)					
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Nominal frequency	f_nom	_	25.000000	-	MHz	Fundamental
Frequency tolerance	f_tol	-10	-	+10	x 10- <sup>6</sup>	@+25°C
Frequency Stability over temperature	f_tem	-20	1	+20	x 10 <sup>-6</sup>	-40°C to +85°C
Operating temperature	T_use	-40	-	+85	٥C	
Level of drive	DL	10	-	100	μW	
Load capacitance	CL	_	12	_	pF	
Motional resistance (ESR)	R1	-	-	80	Ω	
Motional capacitance	C1	-	1.94	-	fF	
Motional inductance	L1	-	20.91	-	mH	
Shunt capacitance	C0	-	0.60	-	pF	
Frequency aging	f_age	-1	_	+1	x10 <sup>-6</sup> /vea	@+25°C, First year





informat	ion					
[ 1 ]Product number last 2 digits code (xx) description			The recommended code is "18"			
Q22FA12	800090xx					
Code	Condition	Code	Condition			
01	Any Q'ty vinyl bag(Tape cut)	00	3000pcs / Reel			
11	Any Q'ty / Reel	18	5000pcs / Reel			
12	250pcs / Reel					
14	1000pcs / Reel	_				
	number la Q22FA12 Code 01 11	Q22FA12800090xx  Code Condition  01 Any Q'ty vinyl bag(Tape cut)  11 Any Q'ty / Reel  12 250pcs / Reel	Number last 2 digits code (xx) description			

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