## MHz Range Crystal unit FA-128

Product name FA-128 30.000000 MHz 10.0 +30.0-30.0 Product Number / Ordering code Q22FA12800267xx

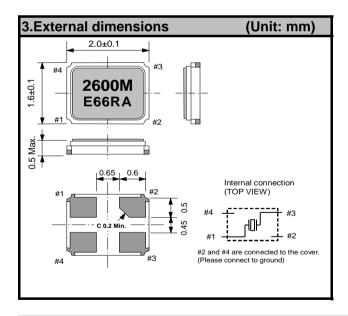
Please refer to the 5.Packing information about xx (last 2 digits)

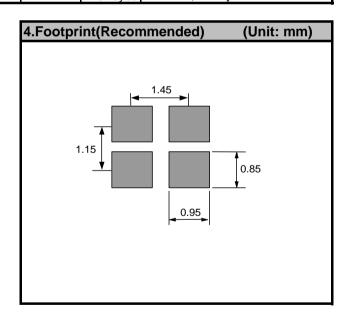
Pb free / Complies with EU RoHS directive

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(characteristics)						
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Nominal frequency	f_nom	_	30.000000	_	MHz	Fundamental
Frequency tolerance	f_tol	-30	-	+30	x 10- <sup>6</sup>	@+25°C
Frequency Stability over temperature	f_tem	-30	-	+30	x 10 <sup>-6</sup>	-20°C to +75°C
Operating temperature	T_use	-20	-	+75	°C	
Level of drive	DL	10	-	100	μW	
Load capacitance	CL	_	10	_	pF	
Motional resistance (ESR)	R1	-	-	60	Ω	
Motional capacitance	C1	-	2.35	-	fF	
Motional inductance	L1	-	11.96	-	mΗ	
Shunt capacitance	C0	-	0.68	-	pF	
Frequency aging	f_age	-5	_	+5	x10 <sup>-6</sup> /yea	@+25°C, First year





5.Packing	informat	ion				
[ 1 ]Product	[ 1 ]Product number last 2 digits code (xx) description		The recommended code is "18"			
	Q22FA12	800267xx				
	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				

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