MHz Range Crystal unit FA-128

Product name FA-128 20.000000 MHz 7.0 +10.0-10.0 Product Number / Ordering code Q22FA12800261xx

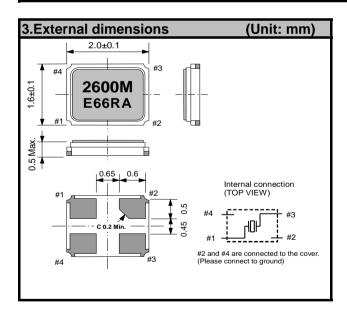
Please refer to the 5.Packing information about xx (last 2 digits)

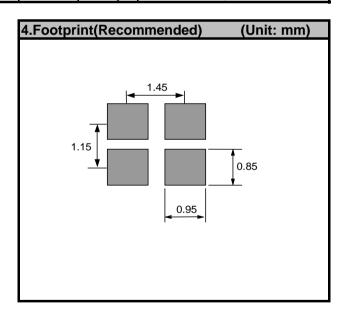
Pb free / Complies with EU RoHS directive

Reference weight Typ. 7 mg

1.Absolute maximum rating	S					
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Storage temperature	T_stg	-40	-	+125	٥C	Storage as single product
Operating temperature	T_use	-40	-	+105	°C	

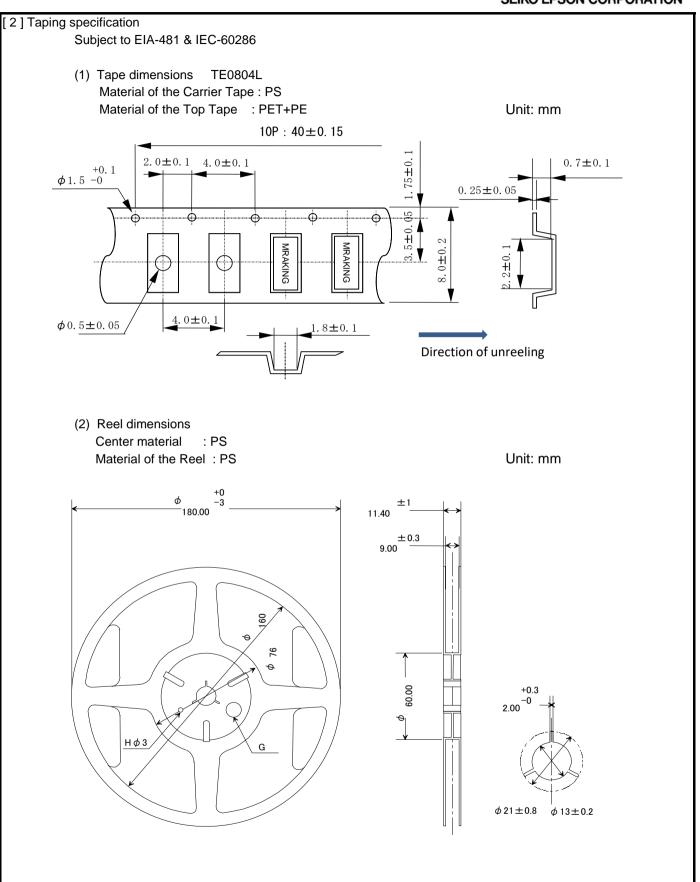
2.Specifications(characteristics)							
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks	
Nominal frequency	f_nom	_	20.000000	_	MHz	Fundamental	
Frequency tolerance	f_tol	-10	-	+10	x 10- ⁶	@+25°C	
Frequency Stability over temperature	f_tem	-10	-	+10	x 10 ⁻⁶	-20°C to +75°C	
Operating temperature	T_use	-20	-	+75	°C		
Level of drive	DL	10	-	100	μW		
Load capacitance	CL	_	7	_	pF		
Motional resistance (ESR)	R1	-	-	100	Ω		
Motional capacitance	C1	-	1.46	-	fF		
Motional inductance	L1	-	43.31	-	mΗ		
Shunt capacitance	C0	-	0.56	-	pF		
Frequency aging	f_age	-1	_	+1	x10 ⁻⁶ /yea	@+25°C, First year	

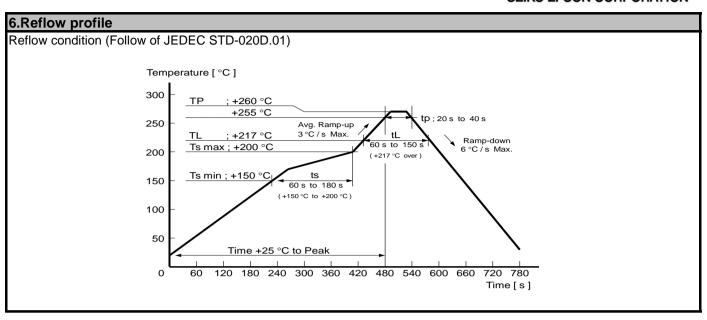




5.Packing	informati	ion			
[1]Product number last 2 digits code (xx) description		The recommended code is "18"			
	Q22FA12	800261xx			
	Code	Condition	Code	Condition	
	01	Any Q'ty vinyl bag(Tape cut)	00	3000pcs / Reel	
	11	Any Q'ty / Reel	18	5000pcs / Reel	
	12	250pcs / Reel			
	14	1000pcs / Reel			

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