MHz Range Crystal unit FA-128

SEIKO EPSON CORPORATION

Product name FA-128 32.000000 MHz 10.0 +10.0-10.0 Product Number / Ordering code Q22FA12800661xx

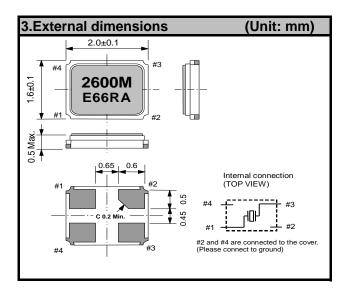
Please refer to the 5.Packing information about xx (last 2 digits)

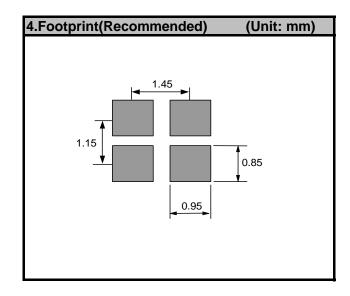
Pb free / Complies with EU RoHS directive

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	°C	

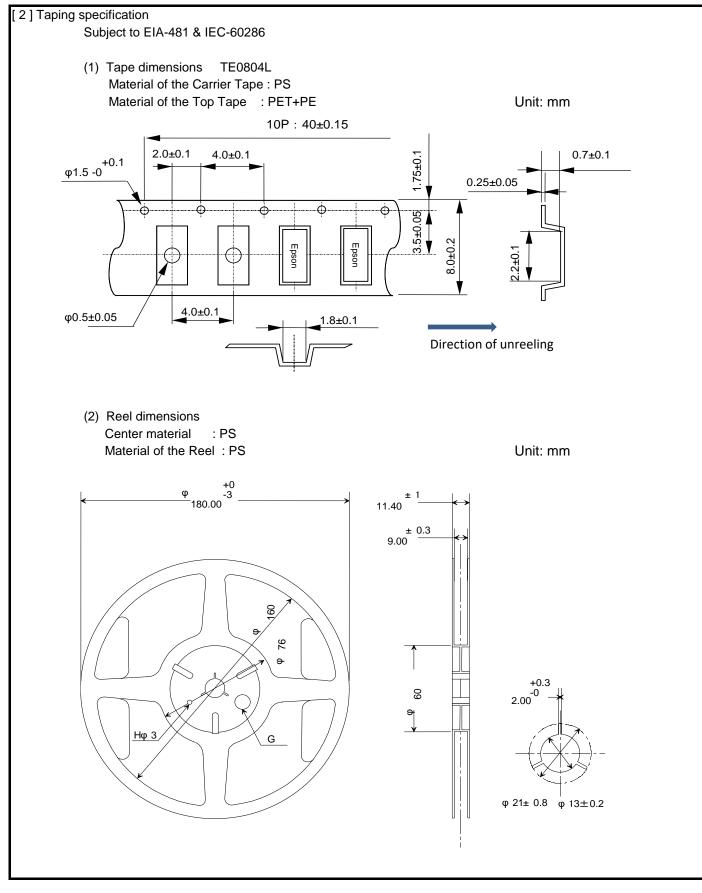
2.Specifications(characteristics)							
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks	
Nominal frequency	f_nom	—	32.000000	—	MHz	Fundamental	
Frequency tolerance	f_tol	-10	—	+10	x 10- ⁶	@+25°C	
Frequency Stability over temperature	f_tem	-20	-	+20	x 10⁻ ⁶	-40ºC to +85ºC	
G-Sensitivity	-	-2.0	—	+2	x 10 ⁻⁶	30 Hz to 1500 Hz	
Operating temperature	T_use	-40	—	+85	°C		
Level of drive	DL	—	10	100	μW		
Load capacitance	CL		10		pF		
Motional resistance (ESR)	R1	—	—	40	Ω		
Motional capacitance	C1	—	2.67	—	fF		
Motional inductance	L1	—	9.26	—	mH		
Shunt capacitance	C0	_	0.74	_	pF		
Frequency aging	f_age	-1	_	+1	x10 ⁻⁶ /yea	@+25°C, First year	



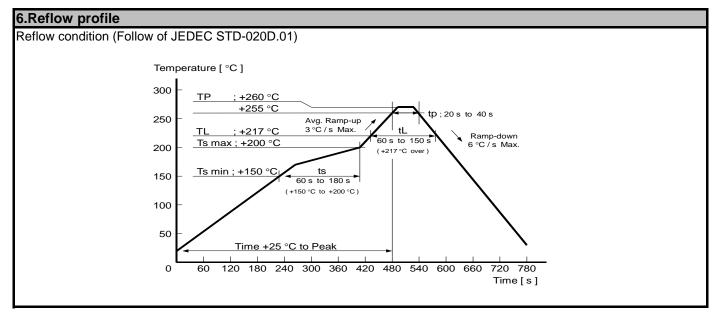


5.Packing	informat	ion			
[1]Product	1]Product number last 2 digits code (xx) description		The recommended code is "18"		
	Q22FA12	800661xx			
	Code	Condition	Code	Condition	
	01	Any Q'ty vinyl bag(Tape cut)	00	3000pcs / Reel	
	11	Any Q'ty / Reel	18	5000pcs / Reel	
	12	250pcs / Reel			
	14	1000pcs / Reel			

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