MHz Range Crystal unit FA-128

SEIKO EPSON CORPORATION

Product name FA-128 24.000000 MHz 8.0 +30.0-30.0 Product Number / Ordering code Q22FA12800271xx

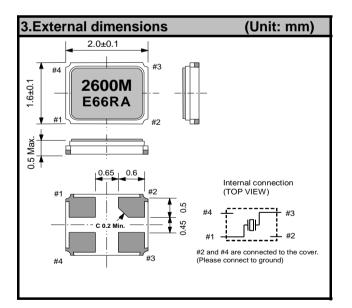
Please refer to the 5.Packing information about xx (last 2 digits)

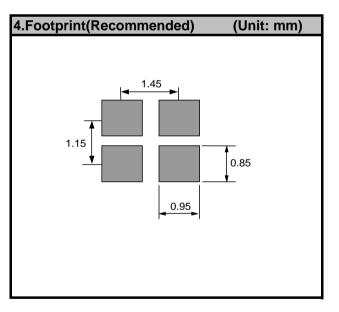
Pb free / Complies with EU RoHS directive

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				

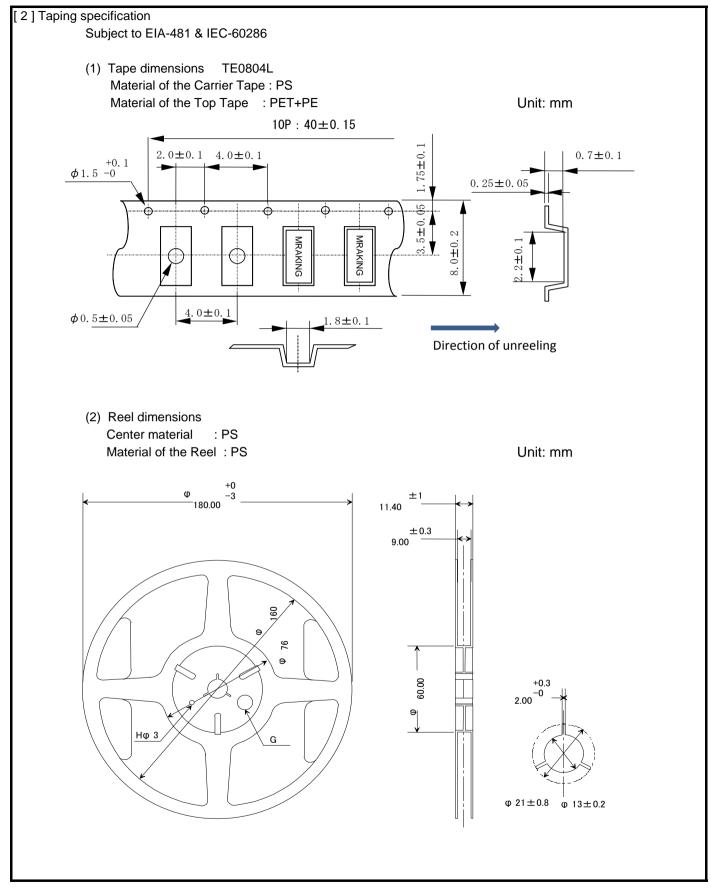
2.Specifications(characteris	stics)					
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Nominal frequency	f_nom	—	24.000000	-	MHz	Fundamental
Frequency tolerance	f_tol	-30	-	+30	x 10- ⁶	@+25°C
Frequency Stability over temperature	f_tem	-30	-	+30	x 10 ⁻⁶	-40ºC to +85ºC
Operating temperature	T_use	-40	-	+85	°C	
Level of drive	DL	10	-	100	μW	
Load capacitance	CL	—	8	-	pF	
Motional resistance (ESR)	R1	-	-	80	Ω	
Motional capacitance	C1	-	1.94	-	fF	
Motional inductance	L1	-	22.63	-	mH	
Shunt capacitance	C0	-	0.60	-	pF	
Frequency aging	f_age	-5	_	+5	x10 ⁻⁶ /yea	@+25°C, First year



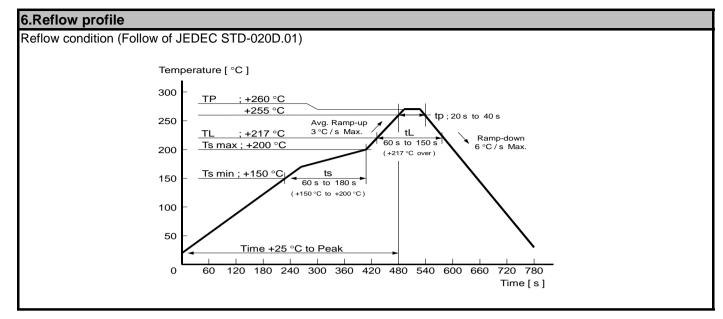


The recommended code is "18"			

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