MHz Range Crystal unit FA-128

Product name FA-128 24.000000 MHz 10.0 +10.0-10.0 Product Number / Ordering code Q22FA12800499xx

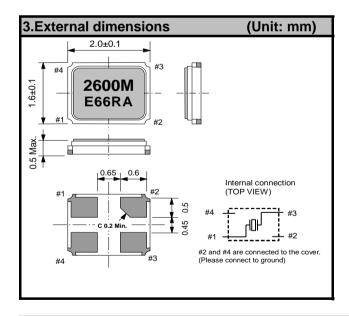
Please refer to the 5.Packing information about xx (last 2 digits)

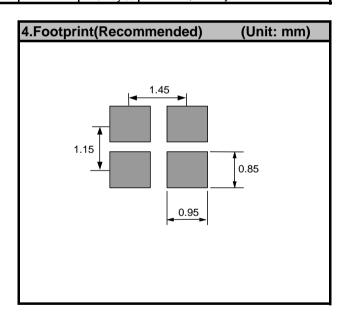
Pb free / Complies with EU RoHS directive

Reference weight Typ. 7 mg

0 3								
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			

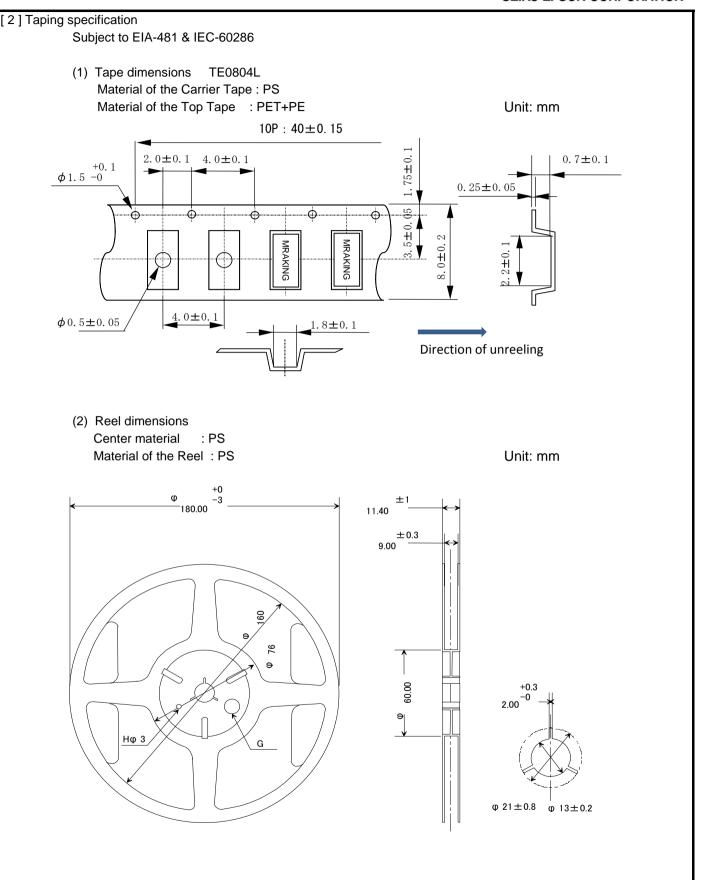
2.Specifications(characteristics)								
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks		
Nominal frequency	f_nom	_	24.000000	_	MHz	Fundamental		
Frequency tolerance	f_tol	-10	0	+10	x 10- ⁶	@+25°C		
Frequency Stability over temperature	f_tem	-20	-	+20	x 10 ⁻⁶	-40°C to +85°C		
Operating temperature	T_use	-40	-	+85	°C			
Level of drive	DL	10	-	100	μW			
Load capacitance	CL	_	10	_	pF			
Motional resistance (ESR)	R1	-	-	60	Ω			
Motional capacitance	C1	-	1.94	-	fF			
Motional inductance	L1	-	22.63	-	mΗ			
Shunt capacitance	C0	-	0.60	0.00	pF			
Frequency aging	f_age	-1	_	+1	x10 ⁻⁶ /yea	@+25°C, First year		

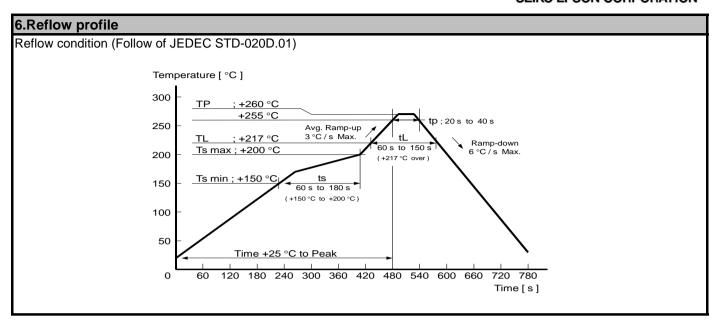




5.Packing information [1]Product number last 2 digits code (xx) description The recommended code is "18" Q22FA12800499xx Condition Condition Code Code Any Q'ty vinyl bag(Tape cut) 3000pcs / Reel 01 00 Any Q'ty / Reel 18 5000pcs / Reel 11 12 250pcs / Reel 14 1000pcs / Reel

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