MHz Range Crystal unit FA-128

Product name FA-128 32.000000 MHz 18.0 +30.0-30.0 Product Number / Ordering code Q22FA12800031xx

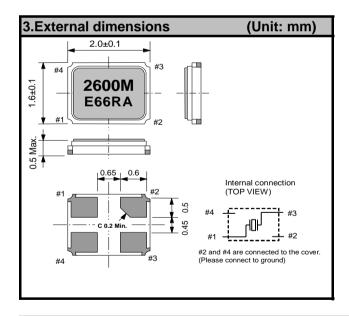
Please refer to the 5.Packing information about xx (last 2 digits)

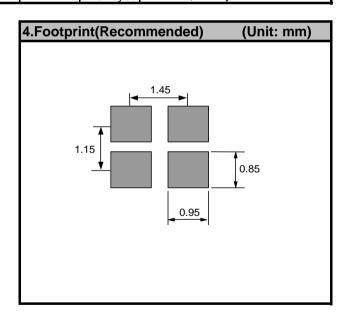
Pb free / Complies with EU RoHS directive

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	

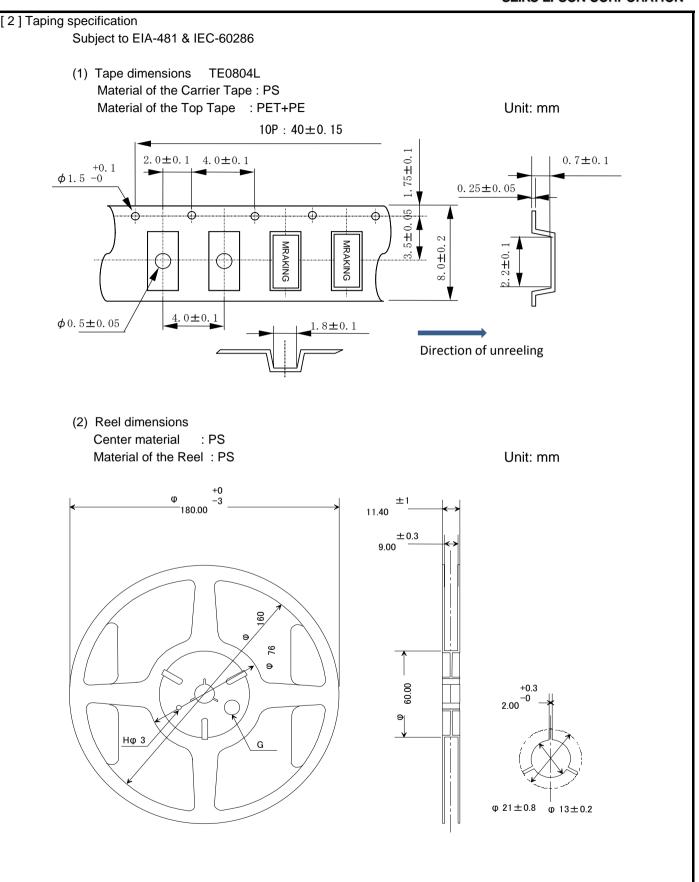
2.Specifications(character	ristics)					
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Nominal frequency	f_nom	_	32.000000	_	MHz	Fundamental
Frequency tolerance	f_tol	-30	-	+30	x 10- ⁶	@+25°C
Frequency Stability over temperature	f_tem	-30	-	+30	x 10 ⁻⁶	-20°C to +75°C
Operating temperature	T_use	-20	-	+75	°C	
Level of drive	DL	10	-	100	μW	
Load capacitance	CL	_	18	_	pF	
Motional resistance (ESR)	R1	-	-	60	Ω	
Motional capacitance	C1	-	2.48	-	fF	
Motional inductance	L1	-	9.97	-	mΗ	
Shunt capacitance	C0	-	0.70	-	pF	
Frequency aging	f_age	-5	_	+5	x10 ⁻⁶ /yea	@+25°C, First year

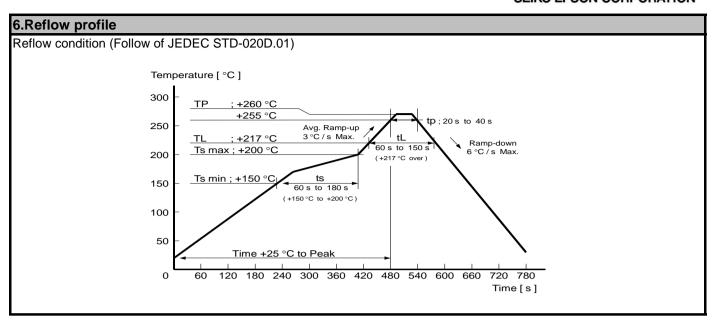




[1]Product number last 2 digits code (xx) description The recommended code Q22FA12800031xx	:- "40"
Q22FA12800031xx	: IS "18"
Code Condition Code Condition	
01 Any Q'ty vinyl bag(Tape cut) 00 3000pcs / Reel	
11 Any Q'ty / Reel 18 5000pcs / Reel	
12 250pcs / Reel	
14 1000pcs / Reel	

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