MHz Range Crystal unit

FA-118T

Product name FA-118T 48.000000 MHz 10.0 +30.0-30.0 Product Number / Ordering code X1E0002510060xx

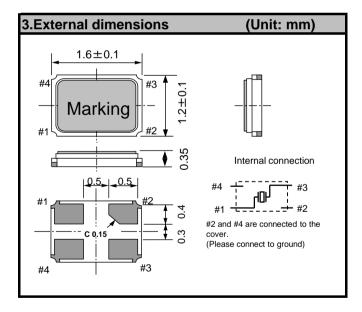
Please refer to the 5.Packing information about xx (last 2 digits)

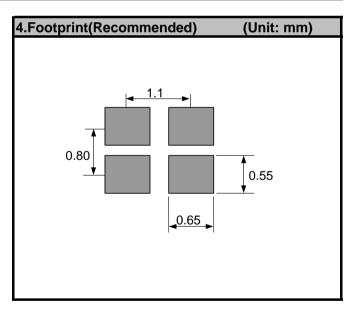
Pb free / Complies with EU RoHS directive

Reference weight Typ. 3 mg

1.Absolute maximum ratings						
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Storage temperature	T_stg	-40	-	+125	°C	Storage as single product

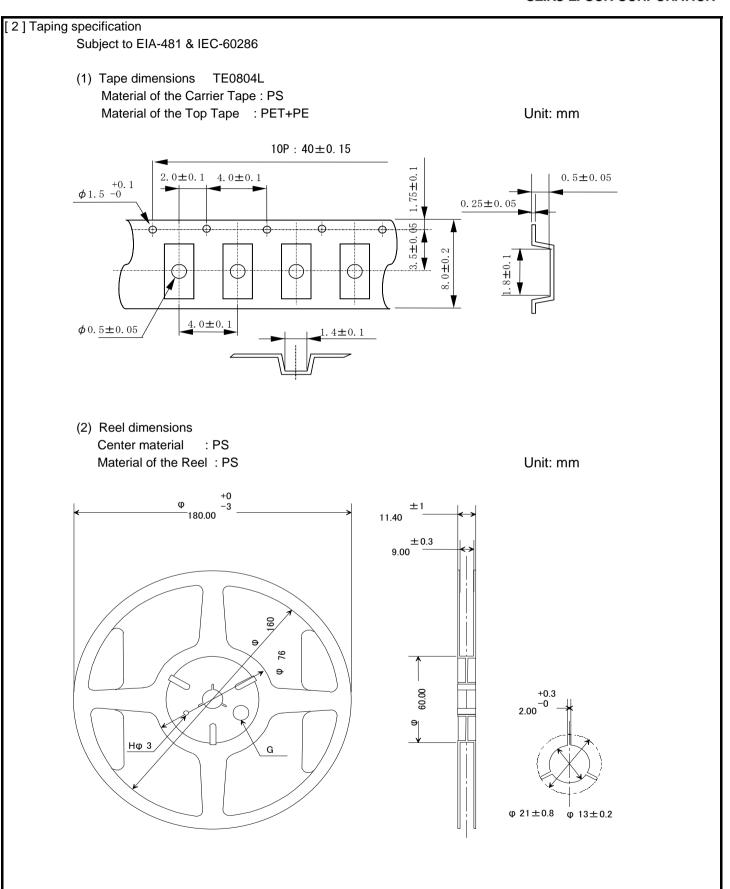
2.Specifications(characteristics)							
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks	
Nominal frequency	f_nom	_	48.000000	_	MHz	Fundamental	
Frequency tolerance	f_tol	-30	-	30	x 10- ⁶	@+25°C	
Frequency Stability over temperature	f_tem	-30	-	30	x 10 ⁻⁶	20°C to 75°C	
Operating temperature	T_use	-20	-	+75	۰C		
Level of drive	DL	10	-	100	μW	Recommended:1 to 100µW	
Load capacitance	CL	_	10	_	pF		
Motional resistance (ESR)	R1	-	-	80	Ω		
Motional capacitance	C1	-	1.470	-	fF		
Motional inductance	L1	-	7.479	-	mH		
Shunt capacitance	C0	-	0.43	-	pF		
Frequency aging	f_age	-5	_	5	x10 ⁻⁶ /yea	@+25°C, First year	

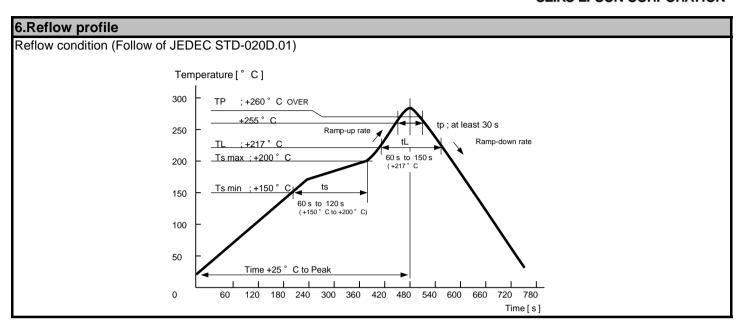




5.Packing i	informatio	on		
[1]Product number last 2 digits code (xx) description		The recommended code is "00"		
_	X1E00025	10060xx		
	Code	Condition	Code	Condition
	01	Any Q'ty vinyl bag(Tape cut)	00	3000pcs / Reel
	11	Any Q'ty / Reel		
	12	250pcs / Reel		
	14	1000pcs / Reel		

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