MHz Range Crystal unit FA2016AA

Product name FA2016AA 27.120000 MHz 8.0 +15.0-15.0 AEC-Q200 compliant

Product Number / Ordering code X1E000381A126xx

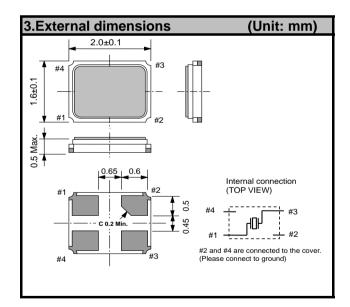
Please refer to the 5.Packing information about xx (last 2 digits)

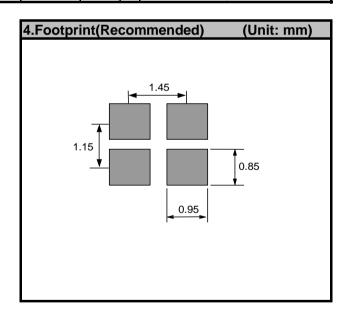
Pb free / Complies with EU RoHS directive

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	-	+125	оС	

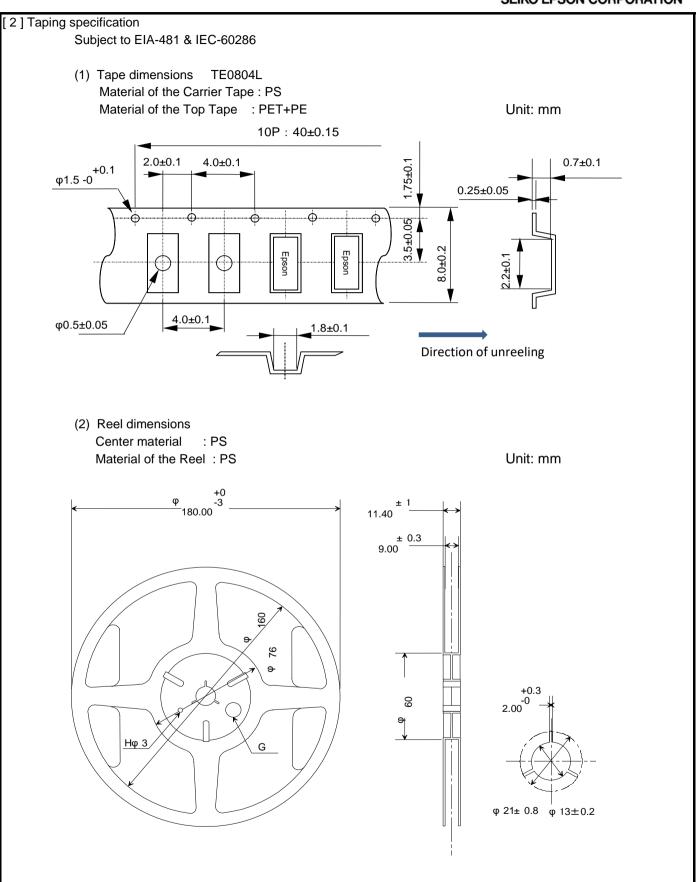
2.Specifications(characteristics)							
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks	
Nominal frequency	f_nom	-	27.120000	-	MHz	Fundamental	
Frequency tolerance	f_tol	-15	-	+15	x 10- ⁶	@+25°C	
Frequency Stability over temperature	f_tem	-50	-	+50	x 10 ⁻⁶	-40°C to +125°C	
Operating temperature	T_use	-40	-	+125	°C		
Level of drive	DL	1	100	200	μW		
Load capacitance	CL	-	8	-	pF		
Motional resistance (ESR)	R1	-	-	60	Ω		
Motional capacitance	C1	-	2.15	-	fF		
Motional inductance	L1	-	16.64	-	mΗ		
Shunt capacitance	C0	-	0.63	-	pF		
Frequency aging	f_age	-3	-	+3	x10 ⁻⁶ /yea	@+25°C, First year	

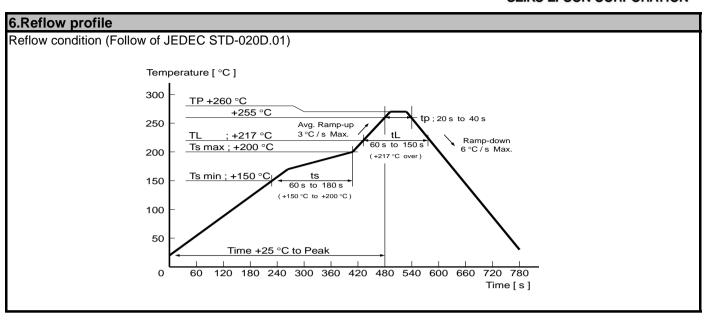




5.Packing	informat	ion		
[1]Product number last 2 digits code (xx) description		The recommended code is "18"		
	X1E0003	81A126xx		
	Code	Condition	Code	Condition
	01	Any Q'ty vinyl bag(Tape cut)	00	3000pcs / Reel
	11	Any Q'ty / Reel	18	5000pcs / Reel
	12	250pcs / Reel		
	14	1000pcs / Reel		

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