FC1610AN

SEIKO EPSON CORPORATION

Product name

FC1610AN 32.768000 kHz 12.5 +20.0-20.0

Product Number / Ordering code

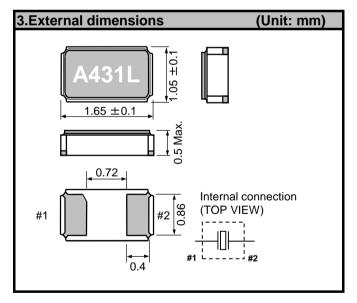
X1A0001210005xx

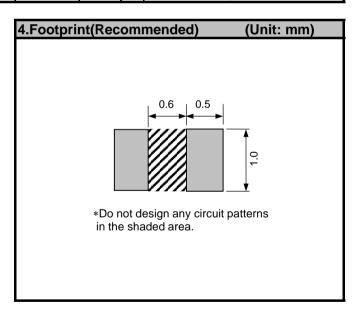
Please refer to the 5.Packing information about xx (last 2 digits)

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	-55	-	125	°C	Storage as single product		
Maximum drive level	GL	-	-	0.5	μW			

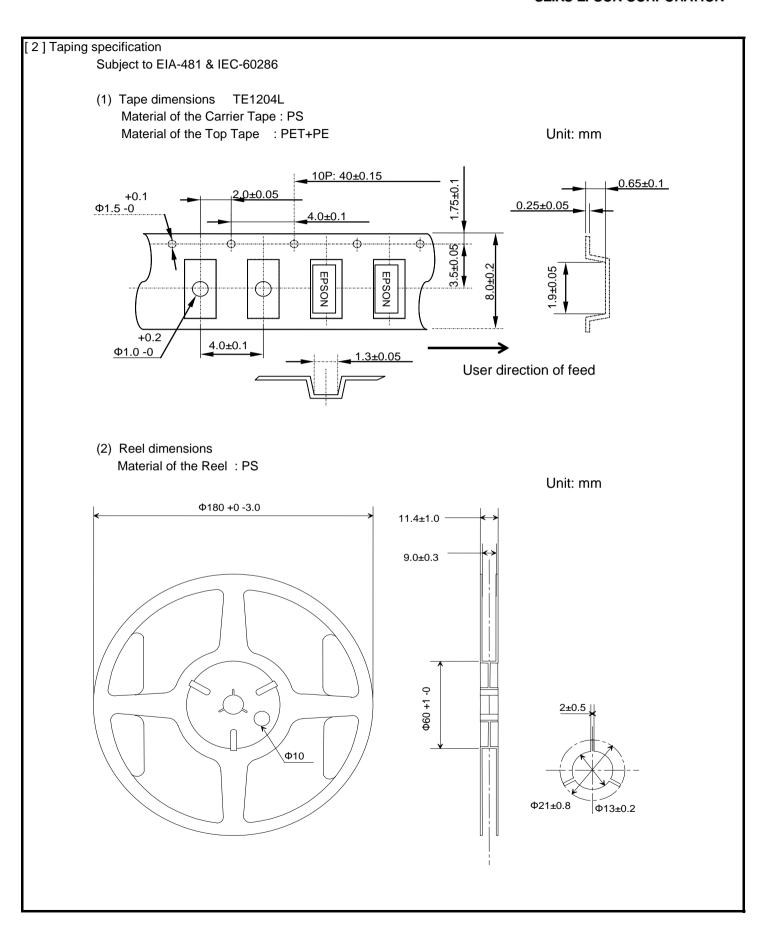
2.Specificatoins(characteristics)						
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Nominal frequency	f_nom	-	32.768	-	kHz	
Operating temperature	T_use	-40	-	85	۰C	
Level of drive	DL	_	0.1	0.5	μW	
Frequency tolerance	f_tol	-20.0	-	+20.0	x 10 ⁻⁶	+25°C DL=0.1µW
Turnover temperature	Ti	20	25	30	۰C	
Parabolic coefficient	В	-	-	-0.04	x 10 ⁻⁶ /°C ²	
Load capacitance	CL	-	12.5	-	pF	
Motional resistance (ESR)	R1	-	-	90	kΩ	
Motional capacitance	C1	-	6	-	fF	
Shunt capacitance	C0	-	1.2	-	pF	
Motional inductance	L1	•	4	-	kH	
Frequency aging	f_age	-3	-	3	x10 ⁻⁶ /yea	@+25°C, First year

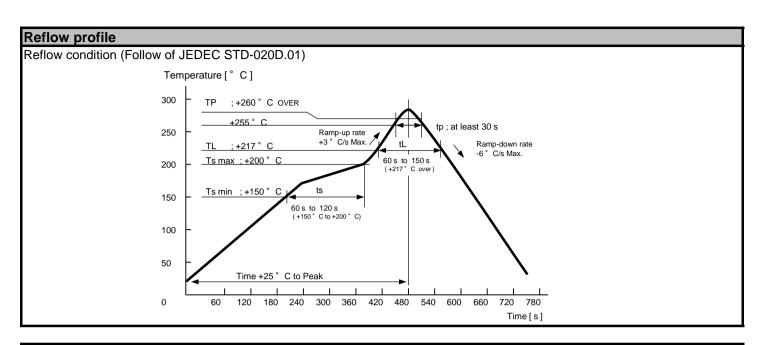




5.Packing	informati	on			
[1]Product number last 2 digits code (xx) description		The recommended code is "00"			
	X1A00012	210005xx			
	Code	Condition	Code	Condition	
	01	Any Q'ty vinyl bag(Tape cut)	16	3000pcs / Reel	
	11	Any Q'ty / Reel	00	5000pcs / Reel	
	12	250pcs / Reel			
	14	1000pcs / Reel			

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