## kHz Range Crystal unit

## MC-306

### SEIKO EPSON CORPORATION

Product name Product Number / Ordering code

# MC-306 40.000000 kHz 7.0 +30.0-30.0 Q14MC30620237xx

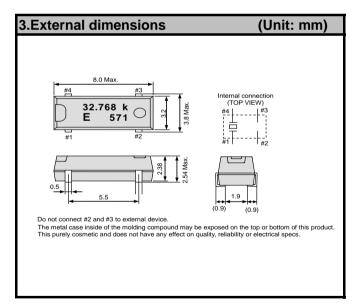
Please refer to the 5.Packing information about xx (last 2 digits)

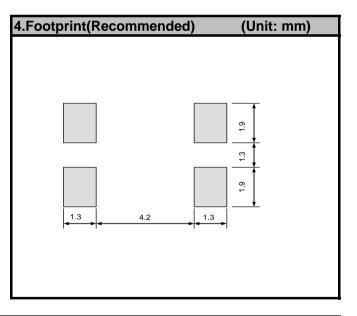
Complies with EU RoHS directive

Reference weight Typ. 126 mg

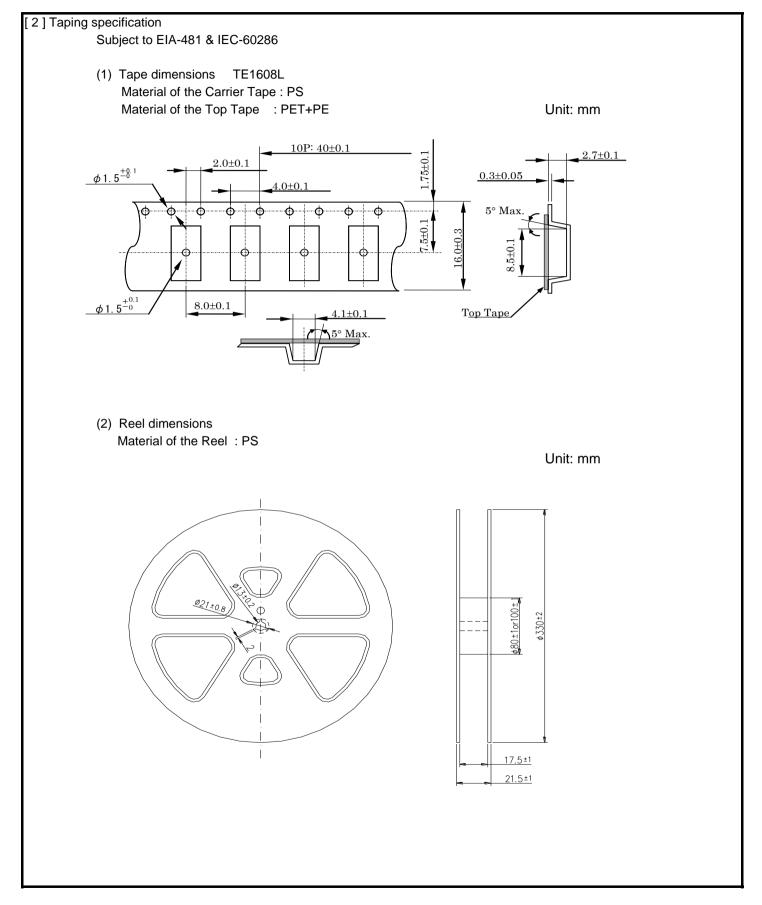
1.Absolute maximum ratings							
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks	
Storage temperature	T_stg	-55	-	125	°C	Storage as single product	
Maximum drive level	GL	-	-	1.0	μW		

2.Specificatoins(characteristics)						
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Nominal frequency	f_nom	-	40	-	kHz	
Operating temperature	T_use	-40	-	85	٥C	
Level of drive	DL	-	-	1.0	μW	
Frequency tolerance	f_tol	-30.0	-	+30.0	x 10⁻ <sup>6</sup>	+25ºC DL=0.1µW
Turnover temperature	Ti	20	25	30	٥C	
Parabolic coefficient	В	-	-	-0.04	x 10 <sup>-6</sup> /°C <sup>2</sup>	
Load capacitance	CL	-	7.0	-	pF	
Motional resistance (ESR)	R1	-	TBD	TBD	kΩ	
Motional capacitance	C1	-	TBD	-	fF	
Shunt capacitance	C0	-	TBD	-	pF	
Motional inductance	L1	-	TBD	-	kH	
Frequency aging	f_age	-5	-	5	x10 <sup>-6</sup> /yea	@+25°C, First year

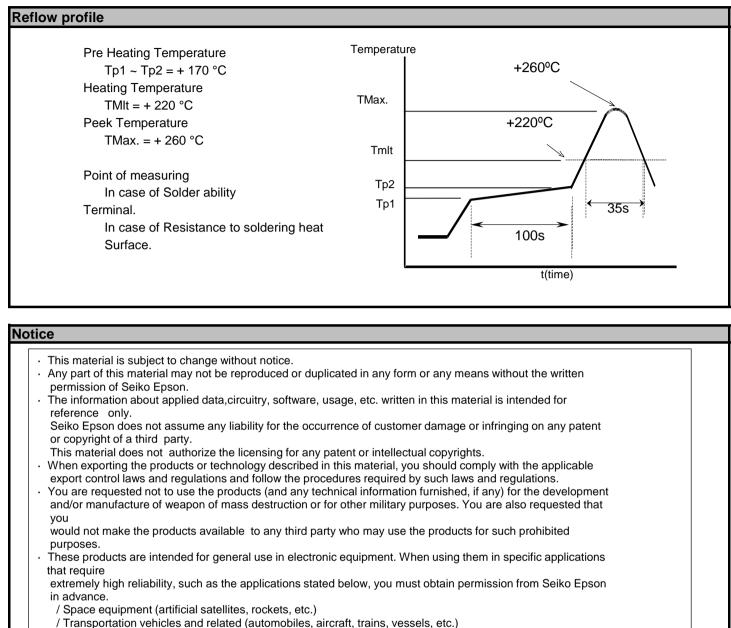




information	on			
1 ]Product number last 2 digits code (xx) description			The recommended code is "00"	
Q14MC30	620237xx			
Code	Condition	Code	Condition	
01	Any Q'ty vinyl bag(Tape cut)	14	1000pcs / Reel	
11	Any Q'ty / Reel	15	2000pcs / Reel	
12	250pcs / Reel	00	3000pcs / Reel	
13	500pcs / Reel			
	number las Q14MC30 Code 01 11 12	Q14MC30620237xxCodeCondition01Any Q'ty vinyl bag(Tape cut)11Any Q'ty / Reel12250pcs / Reel	number last 2 digits code (xx) descriptionQ14MC30620237xxCodeConditionCode01Any Q'ty vinyl bag(Tape cut)1411Any Q'ty / Reel1512250pcs / Reel00	number last 2 digits code (xx) description The recommended code is "00"   Q14MC30620237xx Code Condition   01 Any Q'ty vinyl bag(Tape cut) 14 1000pcs / Reel   11 Any Q'ty / Reel 15 2000pcs / Reel   12 250pcs / Reel 00 3000pcs / Reel



#### SEIKO EPSON CORPORATION



- / Medical instruments to sustain life
- / Submarine transmitters
- / Power stations and related
- / Fire work equipment and security equipment
- / Traffic control equipment
- / And others requiring equivalent reliability.

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