## kHz Range Crystal unit

### MC-306

#### SEIKO EPSON CORPORATION

Product name Product Number / Ordering code

# MC-306 40.000000 kHz 12.5 +30.0-30.0 Q14MC30620143xx

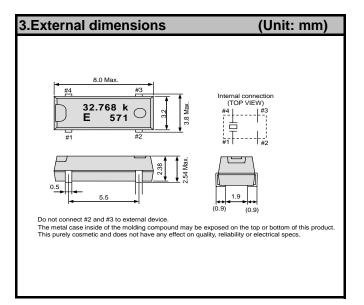
Please refer to the 5.Packing information about xx (last 2 digits)

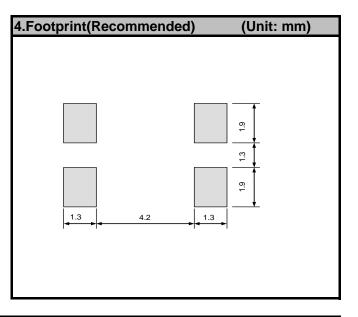
Complies with EU RoHS directive

Reference weight Typ. 126 mg

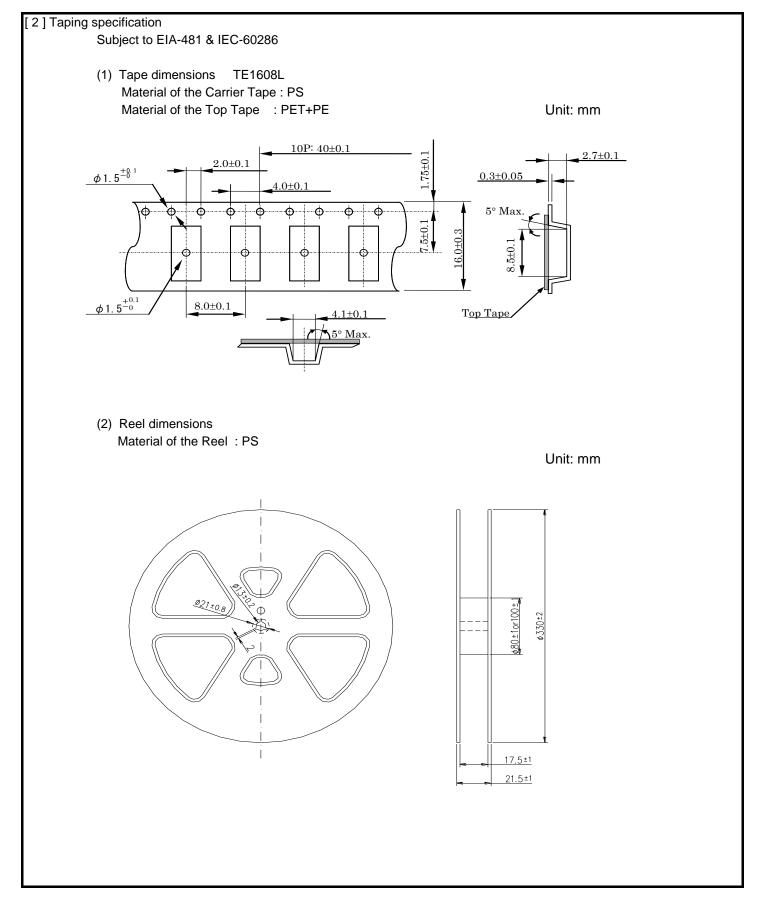
1.Absolute maximum ratings								
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks		
Storage temperature	T_stg	-55	-	+125	°C	Storage as single product		
Maximum drive level	GL	-	-	1.0	μW			

2.Specificatoins(characteristics)						
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Nominal frequency	f_nom	-	40	-	kHz	
Operating temperature	T_use	-40	-	+85	°C	
Level of drive	DL	-	-	1.0	μW	
Frequency tolerance	f_tol	-30.0	-	+30.0	x 10 <sup>-6</sup>	+25°C DL=0.1µW
Turnover temperature	Ti	+20	+25	+30	°C	
Parabolic coefficient	В	-	-	-0.04	x 10 <sup>-6</sup> /°C <sup>2</sup>	
Load capacitance	CL	-	12.5	-	рF	
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	-	+5.0	x10 <sup>-6</sup> /yea	@+25°C, First year

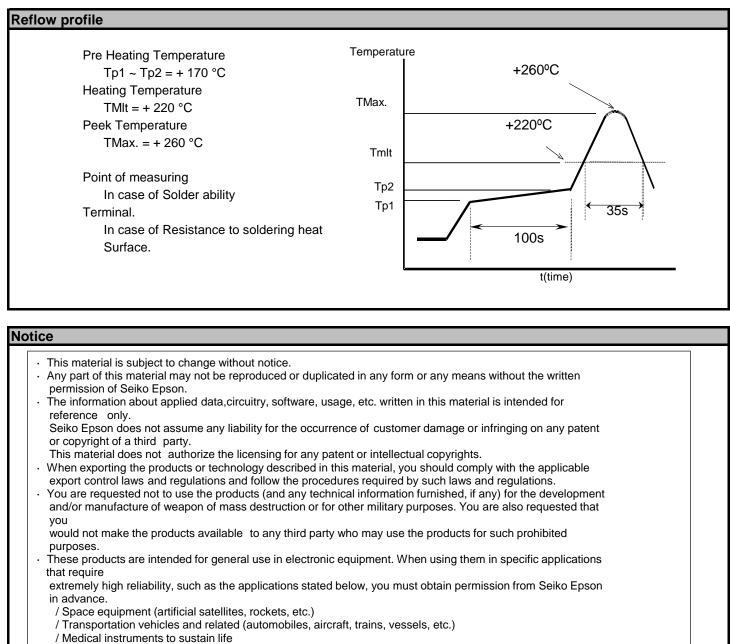




5.Packing	informati	on		
[1]Product	number las	st 2 digits code (xx) description		The recommended code is "00"
	Q14MC30	620143xx		
	Code	Condition	Code	Condition
	01	Any Q'ty vinyl bag(Tape cut)	14	1000pcs / Reel
	11	Any Q'ty / Reel	15	2000pcs / Reel
	12	250pcs / Reel	00	3000pcs / Reel
	13	500pcs / Reel		



#### SEIKO EPSON CORPORATION



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

· All brands or product names mentioned herein are trademarks and/or registered trademarks of their respective.

Contact us

http://www5.epsondevice.com/en/contact/