kHz Range Crystal unit

MC-306

SEIKO EPSON CORPORATION

Product name Product Number / Ordering code

MC-306 40.000000 kHz 11.0 +100.-100. Q14MC30620105xx

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	-100	-	+100	x 10 ⁻⁶	+25°C DL=0.1µW	
Turnover temperature	Ti	+20	+25	+30	°C		
Parabolic coefficient	В	-	-	-0.04	x 10 ⁻⁶ /°C ²		
Load capacitance	CL	-	11.0	-	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	-	+5.0	x10 ⁻⁶ /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	620105xx		
	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		



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

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