MHz Range Crystal unit FA-128

SEIKO EPSON CORPORATION

Product nameFA-12832.000000 MHz 10.0 +20.0-20.0Product Number / Ordering codeQ22FA12800119xx

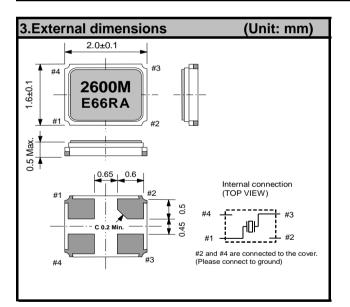
Please refer to the 5.Packing information about xx (last 2 digits)

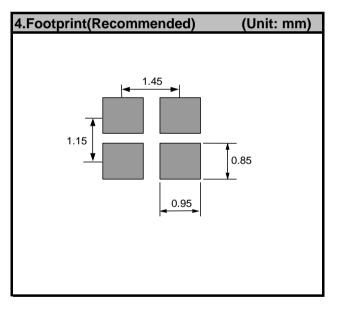
Pb free / Complies with EU RoHS directive

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

2.Specifications(characteristics)						
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Nominal frequency	f_nom	-	32.000000	_	MHz	Fundamental
Frequency tolerance	f_tol	-20	-	20	x 10- ⁶	@+25°C
Frequency Stability over temperature	f_tem	-20	-	20	x 10 ⁻⁶	-20ºC to 75ºC
Operating temperature	T_use	-20	-	+75	°C	
Level of drive	DL	10	-	100	μW	Recommended:1 to 100µW
Load capacitance	CL	-	10	-	pF	
Motional resistance (ESR)	R1	-	-	60	Ω	
Motional capacitance	C1	-	2.480	-	fF	
Motional inductance	L1	-	9.973	-	mH	
Shunt capacitance	C0	-	0.70	-	pF	
Frequency aging	f_age	-1	—	1	x10 ⁻⁶ /yea	@+25°C, First year





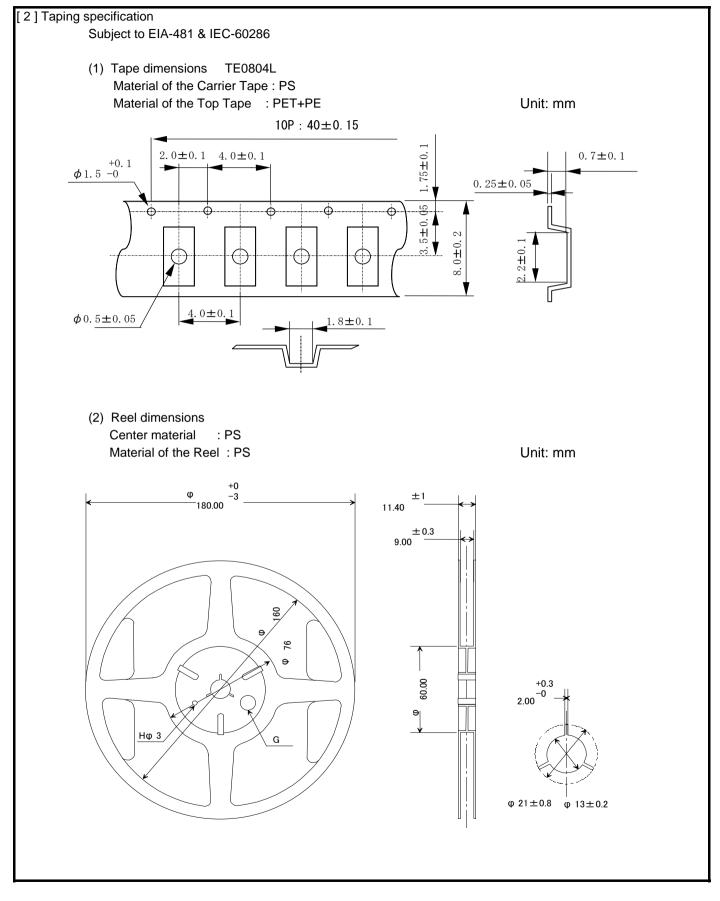
5.Packing information

[1]Product number last 2 digits code (xx) description

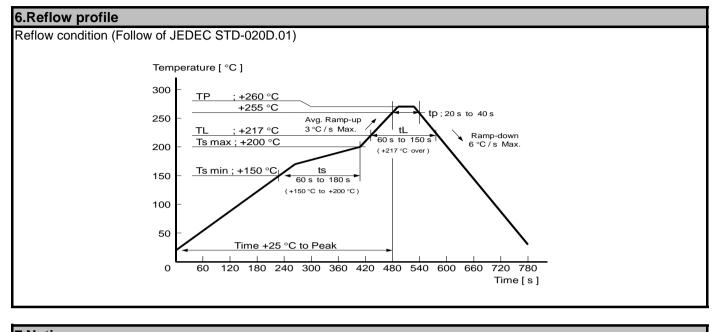
The recommended code is "18"

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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- / Traffic control equipment
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