MHz Range Crystal unit FA-128

Product name FA-128 32.000000 MHz 6.0 +10.0-10.0 Product Number / Ordering code Q22FA12800438xx

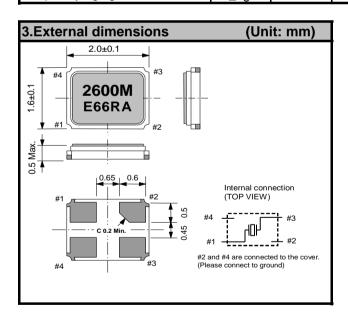
Please refer to the 5.Packing information about xx (last 2 digits)

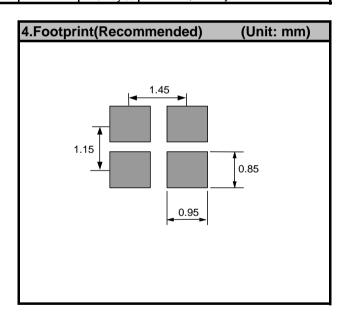
Pb free / Complies with EU RoHS directive

Reference weight Typ. 7 mg

1.Absolute maximum ratings	1					
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Storage temperature	T_stg	-40	-	+125	°C	Storage as single product
Operating temperature	T_use	-40	•	+105	°C	

2.Specifications(characteristics)								
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks		
Nominal frequency	f_nom	_	32.000000	-	MHz	Fundamental		
Frequency tolerance	f_tol	-10	-	+10	x 10- ⁶	@+25°C		
Frequency Stability over temperature	f_tem	-10	1	+10	x 10 ⁻⁶	-20°C to +75°C		
Operating temperature	T_use	-20	-	+75	°C			
Level of drive	DL	10	-	100	μW			
Load capacitance	CL	_	6	_	pF			
Motional resistance (ESR)	R1	-	-	60	Ω			
Motional capacitance	C1	-	2.48	-	fF			
Motional inductance	L1	-	9.97	-	mH			
Shunt capacitance	C0	-	0.70	-	pF			
Frequency aging	f_age	-1	_	+1	x10 ⁻⁶ /vea	@+25°C, First year		





5.Packing information [1]Product number last 2 digits code (xx) description The recommended code is "18" Q22FA12800438xx Condition Condition Code Code Any Q'ty vinyl bag(Tape cut) 3000pcs / Reel 01 00 Any Q'ty / Reel 18 5000pcs / Reel 11 12 250pcs / Reel 14 1000pcs / Reel

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