Crystal unit

MHz RANGE CRYSTAL UNIT LOW PROFILE SMD

FA-365

•Frequency range •Thickness

e : 12 MHz,14 MHz to 41 MHz : 1.4 mm Max.

- •Overtone order
 - ione order : Fl
- ApplicationsLead(Pb)-free
- FundamentalFor Clock of integrated circuit
- : Contains Pb in sealing glass exempted by RoHS directive.



Specifications (characteristics)

Item		Symbol	Specifications	Remarks
Nominal frequency range		f	12.000 MHz, 14.000 MHz to 41.000 MHz	Fundamental
	Storage temperature	T_stg	-55 °C to +125 °C	Stored as bare product after unpacking
	Operating temperature	T_use	-20 °C to +70 °C	Please contact us on availability of -40 °C to +85 °C
Level of drive		DL	10 μW to 100 μW	
Frequency tolerance (standard)		f_tol	$\pm 50 \times 10^{-6}, \pm 100 \times 10^{-6}$	+25 °C
Frequency versus temperature characteristics (standard)			$\pm 30 imes 10^{-6}$	-20 °C to +70 °C For the out of standard specifications, please contact us for inquires
Load capacitance		CL	10 pF to ∞	Please specify
Motional resistance (ESR)		R1	As per below table	-20 °C to +70 °C, DL=100 μW
Frequency aging		f_age	$\pm5 imes10^{-6}$ / year Max.	+25 °C, First year

(Unit:mm)

Motional resistance (ESR)					
Frequency	Motional resistance				
12.0 MHz	60 Ω Max.				
14.0 MHz \leq f \leq 41.0 MHz	50 Ω Max.				

External dimensions



