



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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MHz RANGE CRYSTAL UNIT LOW PROFILE SMD

FA-365

- Frequency range : 12 MHz, 14 MHz to 41 MHz
- External dimensions : 6.0 × 3.5 × 1.4 t (mm)
- Overtone order : Fundamental
- Applications : For Clock of integrated circuit



Product Number (please contact us)
Q22FA3650xxx00



Actual size



Specifications (characteristics)

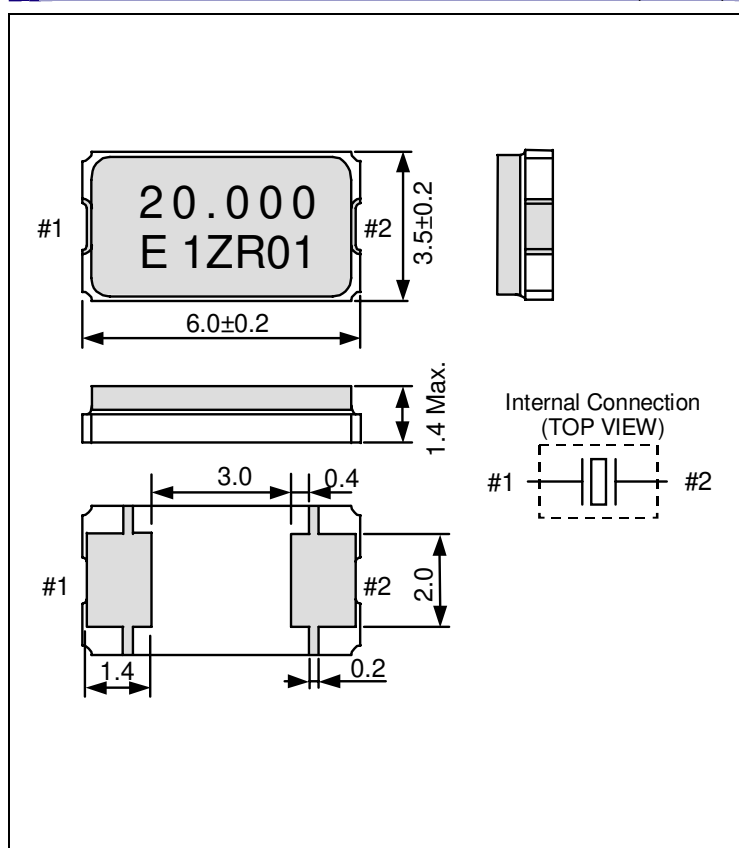
Item	Symbol	Specifications	Remarks	
Nominal frequency range	f_nom	12.000 MHz, 14.000 MHz to 41.000 MHz	Fundamental	
Temperature range	Storage temperature	T_stg	-55 °C to +125 °C	Store as bare product after unpacking
	Operating temperature	T_use	-20 °C to +70 °C	Please contact us on availability of -40 °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)	f_tem	$\pm 30 \times 10^{-6}$	-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	$\pm 5 \times 10^{-6}$ / year Max.	+25 °C, First year	

Motional resistance (ESR)

Frequency	Motional resistance
12.0 MHz	60 Ω Max.
14.0 MHz ≤ f_nom ≤ 41.0 MHz	50 Ω Max.

External dimensions

(Unit:mm)



Footprint (Recommended)

(Unit:mm)

