



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



MHz RANGE CRYSTAL UNIT SMD

MA - 306

- Frequency range : 14.31818 MHz
17.734 MHz to 41 MHz
- Thickness : 2.54 mm Max.
- Overtone order : Fundamental
- Applications : For Clock of integrated circuit
- Lead(Pb)-free : High melting temperature type solder
(Pb85 %) exempted by RoHS directive.



Actual size

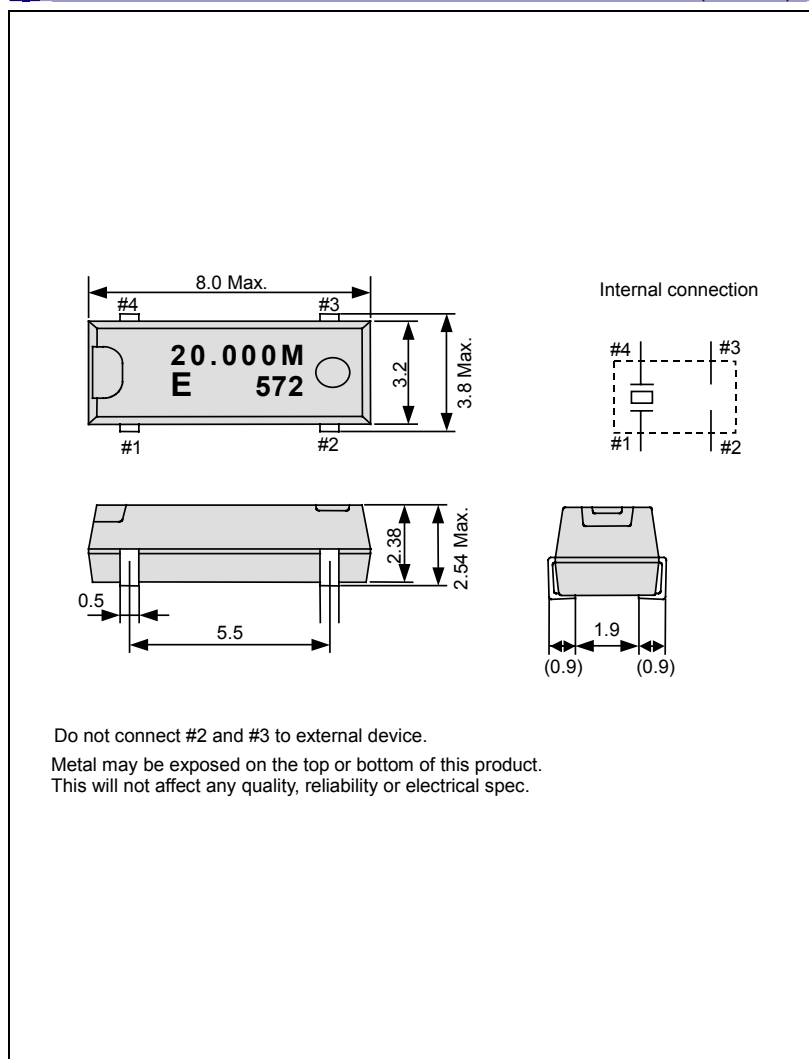


Specifications (characteristics)

Item	Symbol	Specifications	Remarks	
Nominal frequency range	f	14.31818 MHz, 17.734 MHz to 41.000 MHz	Fundamental	
Temperature range	Storage temperature	T_stg	-55 °C to +100 °C	Stored as bare product after unpacking
	Operating temperature	T_use	-20 °C to +70 °C	
Level of drive	DL	10 μW to 100 μW		
Frequency tolerance (standard)	f_tol	±50 × 10 ⁻⁶	+25 °C	
Frequency versus temperature characteristics (standard)	f_tem	±30 × 10 ⁻⁶	-20 °C to +70 °C	
Load capacitance	CL	10 pF to ∞	Please specify	
Motional resistance (ESR)	R ₁	60 Ω Max.	-20 °C to +70 °C, DL=100 μW	
Frequency aging	f_age	±5 × 10 ⁻⁶ / year Max.	+25 °C, First year	

External dimensions

(Unit:mm)



Footprint (Recommended)

(Unit:mm)

