



MHz RANGE CRYSTAL UNIT

MA-306

- Frequency range : 14.31818 MHz, 17.734 MHz to 41 MHz
- External dimensions : $8.0 \times 3.8 \times 2.54$ mm
- Overtone order : Fundamental
- Applications : For Clock of integrated circuit



Product Number (please contact us)
Q22MA3062xxxx00



Actual size



Specifications (characteristics)

Item	Symbol	Specifications	Conditions / Remarks
Nominal frequency range	f_nom	14.31818 MHz, 17.734 MHz to 41.000 MHz	Fundamental
Storage temperature	T_stg	-55 °C to +100 °C	Storage as single product.
Operating temperature	T_use	-20 °C to +70 °C	
Level of drive	DL	10 μ W to 100 μ W	
Frequency tolerance (standard)	f_tol	$\pm 50 \times 10^{-6}$	+25 °C
Frequency versus temperature characteristics (standard)	f_tem	$\pm 30 \times 10^{-6}$	-20 °C to +70 °C Please contact us for requirements not listed in this specifications.
Load capacitance	CL	10 pF to ∞	Please specify
Motional resistance (ESR)	R ₁	60 Ω Max.	-20 °C to +70 °C, DL=100 μ W
Frequency aging	f_age	$\pm 5 \times 10^{-6}$ / year Max.	+25 °C, First year

Product name
(Standard form)

MA-306 24.000000MHz 12.0 +10.0-10.0

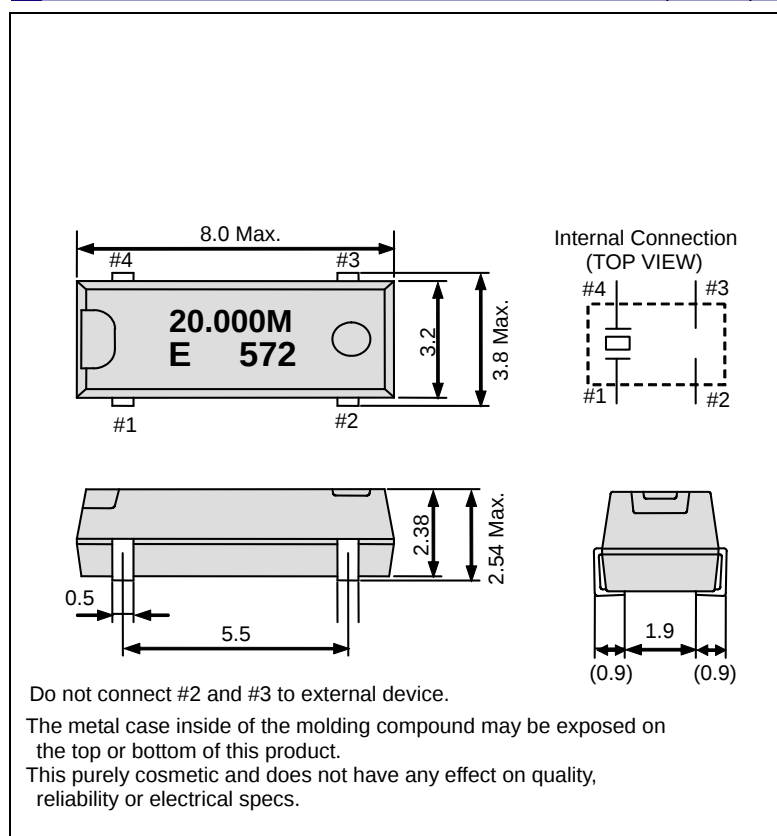
① ② ③ ④

①Model ②Frequency ③Load capacitance(pF) ④Frequency tolerance($\times 10^{-6}$, +25 °C)

In addition to the above mentioned specification item, please specify frequency temperature characteristics and operating temperature range in case of inquiry.

External dimensions

(Unit:mm)



Footprint (Recommended)

(Unit:mm)

