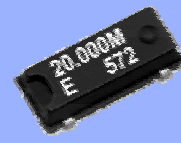




MHz RANGE CRYSTAL UNIT LOW PROFILE SMD

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



Actual size

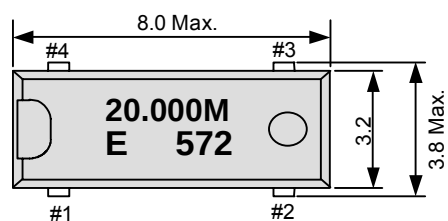
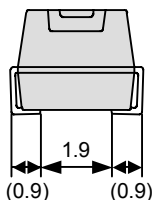
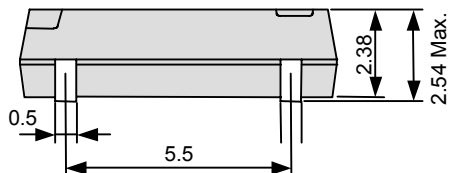
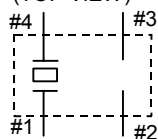


Specifications (characteristics)

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	Store 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	$\pm 50 \times 10^{-6}$	+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)		R ₁	60 Ω Max.	-20 °C to +70 °C, DL=100 µW
Frequency aging		f_age	$\pm 5 \times 10^{-6}$ / year Max.	+25 °C, First year

External dimensions

(Unit:mm)

Internal Connection
(TOP VIEW)

Do not connect #2 and #3 to external device.

Metal may be exposed on the top or bottom of this product.
This will not affect any quality, reliability or electrical spec.

Footprint (Recommended)

(Unit:mm)

