

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)

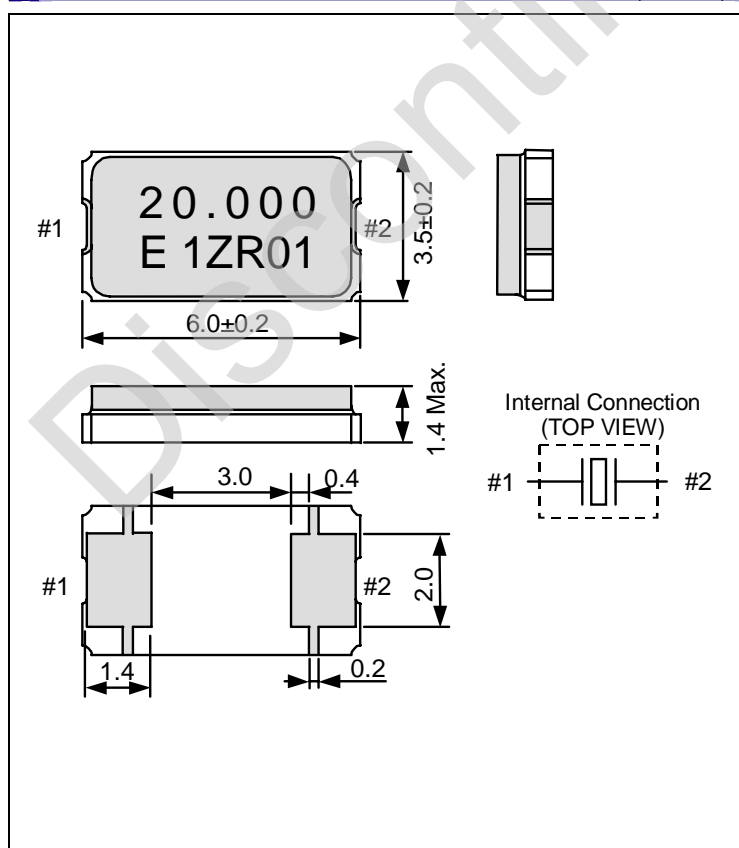
| Item | Symbol | Specifications | Remarks | |
|---|-----------------------|--|--|---|
| Nominal frequency range | f_nom | 12.000 MHz, 14.000 MHz to 41.000 MHz | Fundamental | |
| Temperature range | Storage temperature | T_stg | -55 °C to +125 °C | Store as bare product after unpacking |
| | Operating 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 | ±50 × 10 ⁻⁶ , ±100 × 10 ⁻⁶ | +25 °C | |
| Frequency versus temperature characteristics (standard) | f_tem | ±30 × 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 | ±5 × 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)

