MHz RANGE CRYSTAL UNIT ULTRA MINIATURE SIZE LOW PROFILE SMD

FA-20H

Nominal frequency range
 Thickness
 Overtone order
 16 MHz to 44 MHz
 0.55 mm Max.
 Fundamental

Mobile phone, Bluetooth, W-LAN
 Mobile phone, W-LAN

ISM band radio, Clock for MPU



Specifications (characteristics)

Item	Symbol	Specifications		Remarks
item	Cyrribor	For RF Reference	For Clock	Remarks
Nominal frequency range	f	16.000 MHz to 44.000 MHz		Fundamental Please contact us for inquiries regarding the available frequencies.
Storage temperature range	T_stg	-40 °C to +125 °C		Store as bare product after unpacking.
Operating temperature range	T_use	-40 °C to +85 °C		
Level of drive	DL	100 μW Max.		
Frequency tolerance (standard)	f_tol	$\pm 10 \times 10^{-6}$	±30 × 10 ⁻⁶	+25 °C For the out of standard specifications, please contact us for inquiries.
Frequency versus temperature characteristics (standard)	f_tem	±10 × 10 ⁻⁶	±30 × 10 ⁻⁶	-20 °C to +75 °C For the out of standard specifications, please contact us for inquiries.
Load capacitance	CL	6 pF to ∞ (standard: 9 pF, 10 pF , 12 pF, 16 pF, ∞)		Please specify.
Motional resistance (ESR)	R1	As per below table		-20 °C to +75 °C
Frequency aging	f_age	$\pm 1 \times 10^{-6}$ / year Max.		+25 °C, First year

Motional resistance (ESR)

Frequency	Motional resistance	
16.0 MHz ≤ f < 25.0 MHz	80 Ω Max.	
25.0 MHz ≤ f < 30.0 MHz	60 Ω Max.	
30 0 MHz < f < 44 0 MHz	50 Ω Max	



