

QUARTZ CRYSTAL RESONATOR

(JU38 / JU26 Series) Tuning Fork

Features

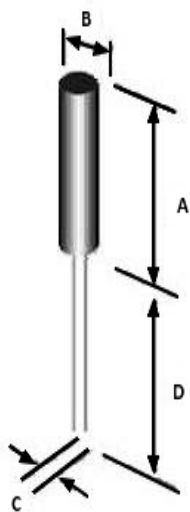
- The best choice of Automotive electronics. Consumer Electronics
- Small Size and reliable frequency Stability
- RoHS Compliant / Pb Free



Specifications

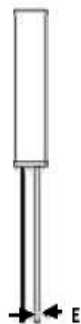
Holder Type	JU3.0x8.0	JU 2.0x6.0
Frequency Range	30.000 KHz to 200.000MHz	
Operating Temperature Range	-10°C to +60°C typical or custom-	
Storage Temperature Range	- 40°C to +85°C typical	
Frequency Tolerance (at 25°C)	±20ppm, or specify	
Temperature Coefficient	-0.034±0.006ppm/°C ²	
Series Resistance (ESR)	3.5KΩ Max.	40KΩ Max.
Shunt Capacitance	1.8pF typical	1.45pF typical
Motional Capacitance	0.0035pF typical	0.0028pF typical
Quality Factor	60000 typical	50000 typical
Load Capacitance	12.5pF	
Drive Level	1.0μW typical	
Insulation Resistance	500 MΩ Mini. at DC 100V	
Aging (at 25°C)	±5ppm/ year Max.	

Dimensions (mm)



See Table 1

MODEL	A	B	C	D	E
2×6mm	6.3	1.95	0.7	7.0	0.2
3×8mm	8.3	3.1	1.1	10.0	0.3



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How to order

Series	Frequency	Operating Temp.	Load capacitance	Package
JU26 :2x6mm	32.000Khz	1= -10°C~+60°C	16=16pF	B = Bulk
JU38 :3x8mm	120.000Khz	2= -20°C~+70°C	20=20pF	R = Tape Reel
	192Khz	3= -40°C~+85°C	30=30pF	
			32=32pF	
			or specify	