



Quartz Crystal Series					
JU-3*8(JU38B)	JU-2*6(JU26B)	Features			
JU-2*6/SMD(JU26C/JU26D)		◆RoHS Compliant		◆Three package versions	

Electrical Specifications

Item	Specifications			Remarks
Series	JU-3*8	JU-2*6	JU-2*6/SMD	
Nominal Frequency Range	32.768KHz			Standard
	30KHz to 170KHz			Available
Frequency Tolerance	±20ppm(Standard)			Others are offered
Temperature Coefficient	-0.034±6ppm×10 ⁻⁶ /°C ²			
Turn Over Temperature	25°C±5°C			
Operating Temperature Range	-20°C to +70°C		-40°C to +85°C	
Storage Temperature Range	-40°C to +85°C		-55°C to +125°C	
Series Resistance	30KΩ	35KΩ	40KΩ	32.768KHz
	As ESR table			30KHz to 170KHz
Shunt Capacitance	1.8pF	1.3pF	1.5pF	Typical
Quality Factor	60,000			Typical
Capacitance Ratio	450			Typical
Load Capacitance	12.5pF(Standard)			6pF to 12.5pF
Drive Level	1.0μW			Maximum
Insulated Resistance	500MΩ			Minimum at 100Vdc
Aging	±5ppm/year			Maximum

ESR(Series Resistance)

Frequency(KHz)	KΩ Max	Frequency(KHz)	KΩ Max
30.000~40.000	45	70.000~120.000	12
40.000~60.000	20	120.000~170.000	10
60.000~70.000	15		

Stability vs. Temperature

◆ Standard		1	2	3	5	6	7	Remarks
◇ Please specify		±10ppm	±20ppm	±30ppm	±50ppm	±15ppm	±25ppm	
B	-10°C to +60°C	◇	◇			◇		
C	-20°C to +70°C	◇	◇	◇	◆	◇	◇	Standard
D	-40°C to +85°C		◇	◇	◆		◇	

Ordering Information

Q	R	Type	Pin	XX.XXXX	K	Mode	CL pF	Freq.Tolerance at 25°C	Operating Temp.	Stability Vs.Temp.	Option
		JU38B									
		JU26B									
Q:Quartz		JU26C		Center frequency	K:	F:Fund.:AT	See Table	±10ppm to ±50ppm	See Table	See Table	F:Lead Free T:T&R Blank:Bulk
R:Resonator		JU26D	Blank:2	30 to170KHz	KHz						
Example:QRJU26B32.7680KFS2C2F (Crystal,JU-2*6,32.768KHz,2pins,12.5pF,+/-20ppm,-20 to +70deg.Bulk,Lead free)											

