

FEATURE

- High precision and high frequency stability
- Excellent heat resistance and environmental characteristics
- Applications in PAD, DSC, DVC, and PC

ELECTRICAL SPECIFICATIONS

Output Frequency Range	12.000 MHz to 48.000 MHz
Mode	see Table 1*
Frequency Tolerance (at 25°C)	±10ppm, ±30ppm, or specify
Frequency Stability Over Operating Temperature Characteristics	±10ppm, ±30ppm, or specify
Operating Temperature Range	-10 °C to + 60 °C -20 °C to + 70 °C -40 °C to + 85 °C
Storage Temperature Range	-55 °C to +125 °C
Shunt Capacitance (C ₀)	3.0 pF Max
Driver Level (Typical)	10μW~100μW
Load Capacitance(C _L)	Series, 12pF, 16pF, 20pF, 30pF, or specify
Aging @25°C 1 st year (Max)	±3ppm/year
Shock Resistance	Drop test of 3 times on 2mm stainless plate from 75cm height

REMARK: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES

EQUIVALENT SERIES RESISTANCE (ESR)

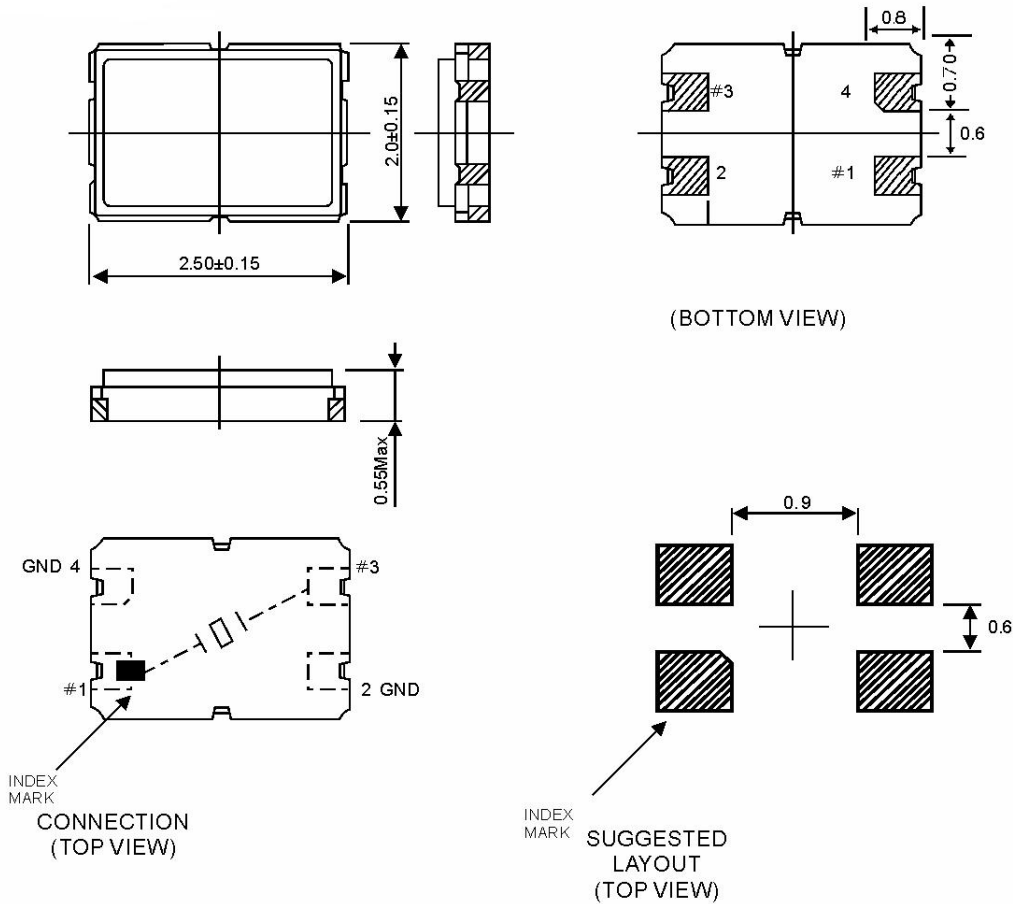
Frequency Range	E.S.R.(Ω)	Mode
12~24MHz	100 Ω Max	AT/Fundamental
24~ 48MHz	60 Ω Max	AT/Fundamental

QUARTZ CRYSTAL UNIT

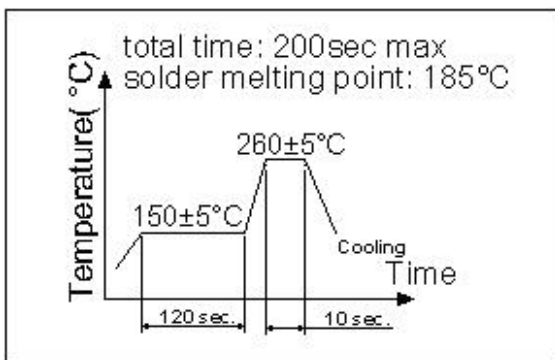


SERIES 7E, SEAM SEALED CERAMIC 2.5 x 2.0mm SURFACE MOUNT PACKAGE

Dimension (mm)



Reflow Condition



PART NUMBER

SJK-7E-	16.000	9	10	80	A	15
	Frequency e.g. 16: 16.000MHz	Load capacitance e.g. 9: 9pF s: series	Frequency tolerance e.g. 10: ± 10 ppm	E.S.R.Max e.g. 80: 80Ω max	Operating temperature range A: $-10-60^\circ\text{C}$ B: $-20-70^\circ\text{C}$ C: $-40-85^\circ\text{C}$	Temperature stability: e.g. 15: ± 15 ppm