

### 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	20.000 MHz to 54.000 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	-40°C to 85°C
Shunt Capacitance (C <sub>0</sub> )	3.0 pF Max
Driver Level (Typical)	10μW~100μW
Load Capacitance(C <sub>L</sub> )	Series, 12pF, 16pF, 20pF, 30pF, 32pF, or specify
Aging @25°C 1 <sup>st</sup> 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)

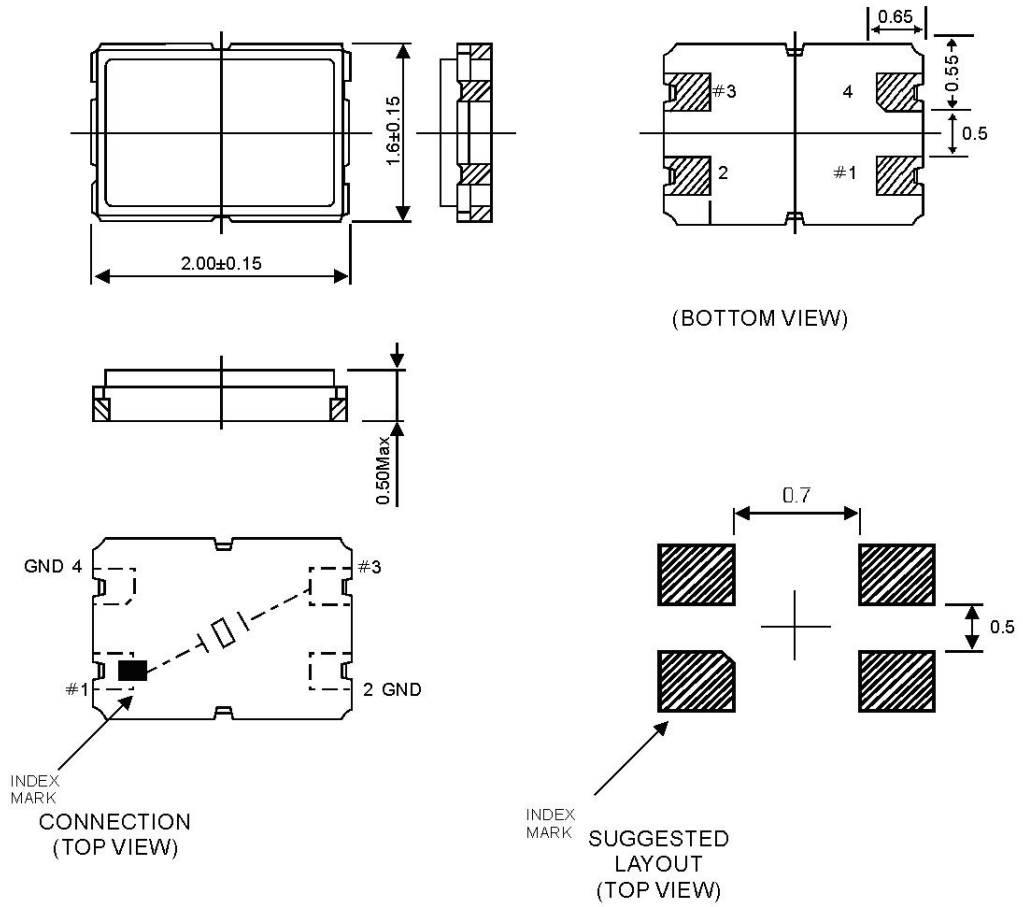
Frequency Range	E.S.R. (Ω)	Mode
20.000MHz ~ 29.999MHz	100 Max.	Fundamental / AT
30.000MHz ~ 54.000MHz	80 Max.	Fundamental / AT

# QUARTZ CRYSTAL UNIT

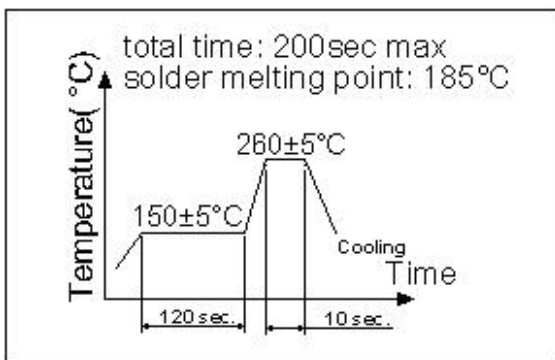


## SERIES 7F, SEAM SEALED CERAMIC 2.0 x 1.6mm SURFACE MOUNT PACKAGE

### Dimension (mm)



### Reflow Condition



### PART NUMBER

SJK-7F-	20.000	9	10	80	A	15
	Frequency e.g. 20: 20.000MHz	Load capacitance e.g. 9: 9pF s: series	Frequency tolerance e.g. 10: ±10ppm	E.S.R.Max e.g. 80:80Ωmax	Operating temperature range A:-10-60°C B:-20-70°C C:-40-85°C	Temperature stability: e.g. 15: ±15ppm