QUARTZ CRYSTAL UNIT

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

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	-40°C to 85°C
Shunt Capacitance (C_0)	3.0 pF Max
Driver Level (Typical)	10μW~100μW
Load Capacitance(C_L)	Series, 12pF, 16pF, 20pF, 30pF, 32pF, or specify
Aging @25°C 1st 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
12.000 MHz ~ 23.999 MHz	100 Max	Fundamental / AT
24.000 MHz ~ 48.000 MHz	60 Max	Fundamental / AT

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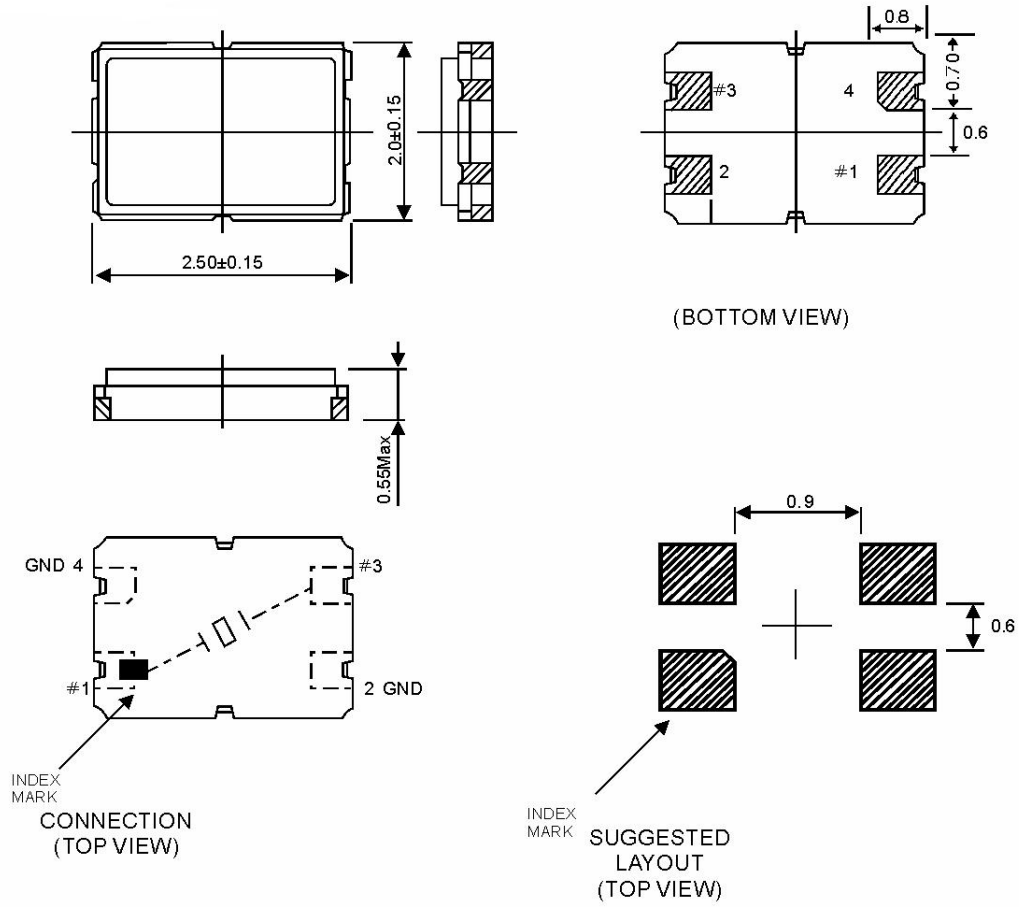
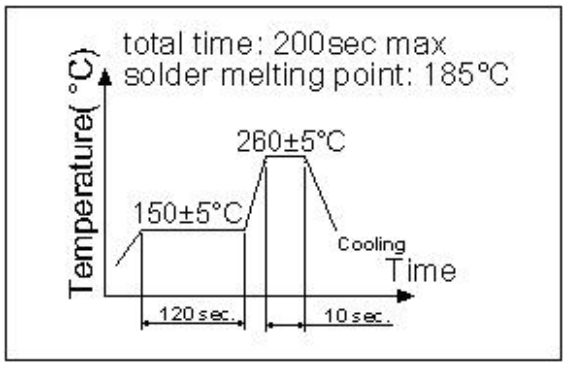
Dimension (mm)



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: ±10ppm		E.S.R.Max e.g. 80:80Ωmax		Operating temperature range A:-10-60℃ B:-20-70℃ C:-40-85℃		Temperature stability: e.g. 15: ±15ppm

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