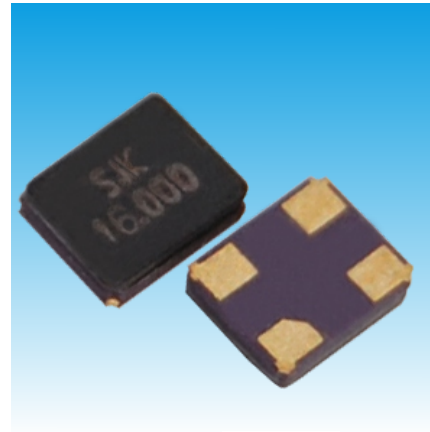


Features

High precision and high stability
 Frequency stability (over operating temp.)
 Operating temperature range
 Shunt capacitance (C₀)
 Drive level
 Load capacitance
 Aging (at 25°C)
 Storage temperature range
 Packing unit



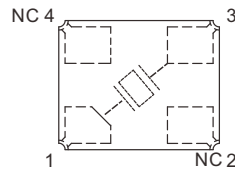
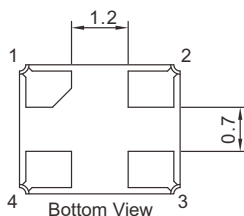
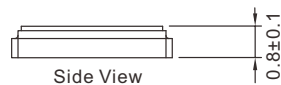
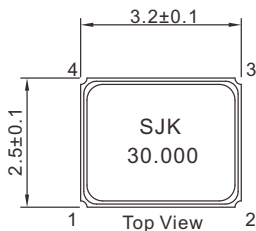
Standard Specifications

Type	7V Glass SMD Crystal
Frequency Range	8~64 MHz
Frequency Stability (over Operating Temp.)	±10ppm, ±20ppm
Operating Temperature Range	-20~+70°C, -40~+85°C
Shunt Capacitance (C ₀)	5pF Max.
Drive Level	1~50μW (10μW Typ.)
Load Capacitance	8pF, 10pF, or specify
Aging (at 25°C)	±3ppm / year Max.
Storage Temperature Range	-40~+85°C
Packing Unit	3000pcs./Reel

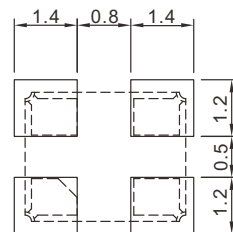
Equivalent Series Resistance

Fundamental			
8~10 MHz	400Ω Max.	20~27 MHz	60Ω Max.
10~12 MHz	100Ω Max.	27~64 MHz	50Ω Max.
12~20 MHz	80Ω Max.		

Dimensions [mm]



Top View Crystal Connection



Top View Suggested Layout