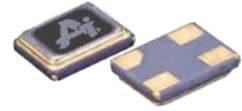




Features

- 2520 size miniature and light SMD crystal resonator with a low profile of 0.55mm.
- Wide frequency range from a comparatively low 12MHz up to 54MHz.
- High precision and high frequency stability.
- Excellent heat resistance and environmental characteristics.
- Automatic mounting and reflow soldering.
- Applications in smart phone, sip module, variety of compact portable consumer products.



Electrical Specifications

Type	KSS2520 QUARTZ CRYSTAL
Frequency Range	12MHz~54MHz
Frequency Tolerance(at 25°C)	±10ppm, ±30ppm, or specify
Frequency Stability Over Operating Temperature Range	±10ppm, ±30ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance (C ₀)	5pF Max.
Drive Level	1~200µW Max.(100µW Typical)
Load Capacitance	8pF, 10pF, 12pF, or specify
Aging(at 25°C)	±3ppm / year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	3000pcs/Reel

Equivalent Series Resistance(ESR)

Fundamental	
12~13MHz	150 Ω Max.
13~30MHz	100 Ω Max
30~54MHz	60 Ω Max.

Ordering Information

KSS2520	012M	10	30	30	A	
Product Code	Frequency Range 12.000MHz	Load Capacitance 10=10pF	Frequency Tolerance 30=±30ppm	Frequency Stability 30=±30ppm	Operating Temperature	
					A:-20~+70°C	D:-40~+125°C
					B:-10~+70°C	E:-10~+60°C
					C:-40~+85°C	F:-30~+70°C

Dimension

Units:mm

