KC6



■SMD X-TAL 6.0×3.5mm

- Miniature and lightweight SMD crystal resonator.
- Excellent heat resistance, high precision and high reliability.
- Nominal frequency range: 6.000MHz to 100.000MHz.
- Operation mode : Fundamental, 3'rd overtone.
- Applications : Digital AV equipment as well as many other applications.

■ Standard Specication	>>>				
Frequency range	6.000MHz to 100.000MHz				
Operation mode	Fundamental & 3'rd overtone				
Motional resistance (ESR)	As per below table				
Load capactance (CL)	Standard (12pF, 16pF, 18pF), user spec				
Level of drive (DL)	100μW (std), 500μW Max				
Frequency tolerance (25°C)	± 30ppm Max, user spec				
Temperature stability	± 50ppm Max, user spec				
Operating temperature range	-10°C to +70°C(std), -40°C to +85°C				
Storage temperature range	-45°C to +100°C				
Aging (Initial first year)	± 3ppm Max				

■ Motional resistance (ESR)

Frequency (MHz)	6.0≤ f <10	10.1≤ f < 20	20.1≤ f < 40	38≤ f < 50	50.1≤ f < 85	85.1≤ f < 100
$CI\left(\Omega\right)$	70	50	40	60	50	40
Operation mode	Fundamental			3'rd Overtone		

Dimensions (mm)



