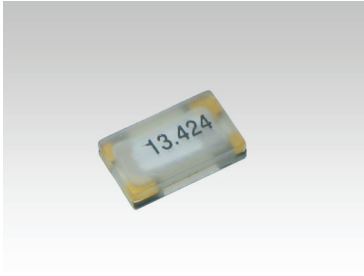


Quartz SMD



Features:

- Application: Bluetooth, wireless LAN
- Ultra-thin and small leadless type
- Automatic mounting is enabled by emboss taping



HE6035/2
HE6035/4

Specifications				
		Symbol	HE6035	Remarks
Frequency range		f	11.000MHz ~ 40.000MHz	Fundamental mode
Frequency tolerance, Ta=25°C		$\Delta f/f$	$\pm 20\text{ppm} \sim \pm 50\text{ppm}$	Please specify
Load capacitance		CL	10pF ~ 30pF	Please specify
Temperature tolerance		$\Delta f/f$	$\pm 20\text{ppm} \sim \pm 50\text{ppm}$	Please specify
Temperature range	Storage temperature	T _{STG}	-40°C ~ +85°C	
	Operating temperature	T _{OPR}	-20°C ~ +70°C	Others are offered
Drive level	Maximum drive level	M _{DL}	500μW	
	Recommended drive level	R _{DL}	20μW ~ 100μW	
Series resistance		R ₁	As per table	25°C ±3°C
Shunt capacitance		C ₀	7pF	Max
Insulation resistance		I _R	500M Ohm	Min
Aging		Δf_A	±5ppm/Year	Max

Resistance of series resonance (ESR)						
Frequency (MHz)	Mode	Ohm max		Frequency (MHz)	Mode	Ohm max
11 ≤ f < 16	Fundamental	80		16 ≤ f < 40	Fundamental	50

Drawing	

Order key								
Q	- 30.000000M	- HE6035/2	- F	- 50	- 50	- B	- 30	- TR
Part	Frequency	Package	Mode of oscillation	Frequency tolerance	Temperature tolerance	Temperature range	Load capacitance	Option
Q=Quartz	M=MHz	HE6035/2 HE6035/4	F=fund.	±ppm (25°C)	±ppm (Temp. range)	A= 0°C ~ +70°C B= -10°C ~ +60°C C= -10°C ~ +70°C D= -20°C ~ +70°C E= -40°C ~ +85°C H= -20°C ~ +80°C I = -10°C ~ +50°C	pF SR=series	TR=Tape and reel X=Special options
		/2 = 2 pads /4 = 4 pads						