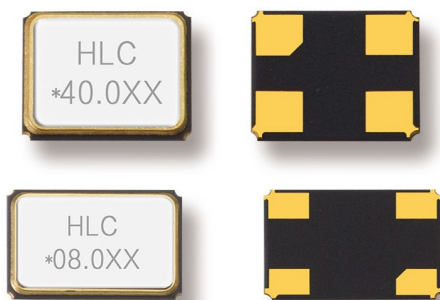


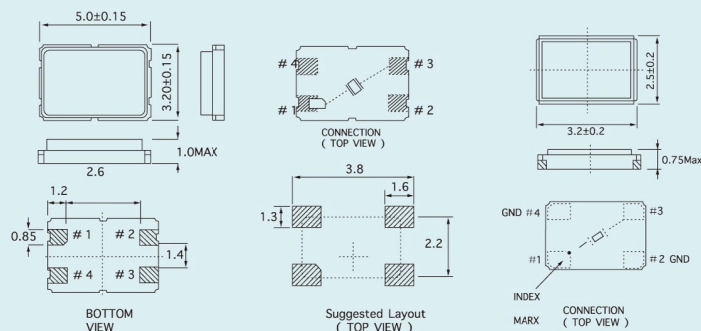
QUARTZ CRYSTAL UNIT

SMD 5.0x3.2、SMD 3.2x2.5



SMD5X3.2 DIMENSIONS (mm)

SMD 3.2 X2.5 DIMENSIONS(mm)



技術指標 / SPECIFICATIONS

類型	TYPE	SMD5.0x3.2	SMD3.2x2.5
頻率範圍	Frequency Range	8.000 ~ 125.000MHz	8.000 ~ 100.000MHz
切型	Mode of Vibration	AT	AT/Fundamental
調整頻差	Frequency Tolerance (at25°C)	±10ppm ~ ±50ppm	±10ppm ~ ±50ppm
溫度頻差	Frequency Temperature Characteristics	±10ppm (-20°C ~ 70°C) ; ±30ppm (-40°C ~ 85°C)	±10ppm (-20°C ~ 70°C) ; ±30ppm (-10°C ~ 70°C) ;or specify
儲藏溫度	Storage Temperature Range	-40°C ~ 85°C	-55°C ~ 125°C
諧振電阻	Equivalent Series Resistance (ESR)	See Table	See Table
負載電容	Load Capacitance (CL)	10pf ~ ∞	8pf ~ ∞
靜電容	Shunt Capacitance (C0)	< 7pf	< 5pf
絕緣電阻	Insulation Resistance	> 500MΩ At DC 100V	> 500MΩ At DC 100V
激勵電平	Drive Level	10uW ~ 100uW	10uW ~ 100uW
老化率	Aging (Year)	±3ppm (Year)	±3ppm (Year)

FREQUENCIES vs EQUIVALENT SERIES RESISTANCE

Frequency (MHz)	Mode	ESR (Ω)	ESR (Ω) SMD3.2x2.5
10.000 ≤ f < 16.000	AT Fundamental	≤ 80	
12.000 ≤ f < 16.000			≤ 100
16.000 ≤ f < 30.000	AT Fundamental	≤ 60	≤ 80
30.000 ≤ f < 40.000	3 rd overtone	≤ 100	
30.000 ≤ f < 50.000			≤ 60
40.000 ≤ f < 80.000	3 rd overtone	≤ 80	

編帶尺寸圖 / Taping Dimensions

