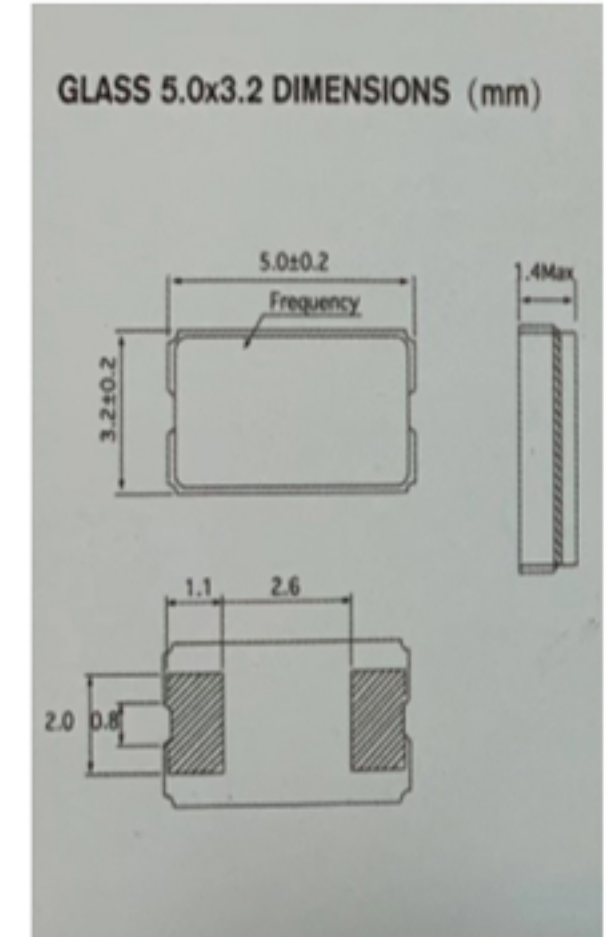
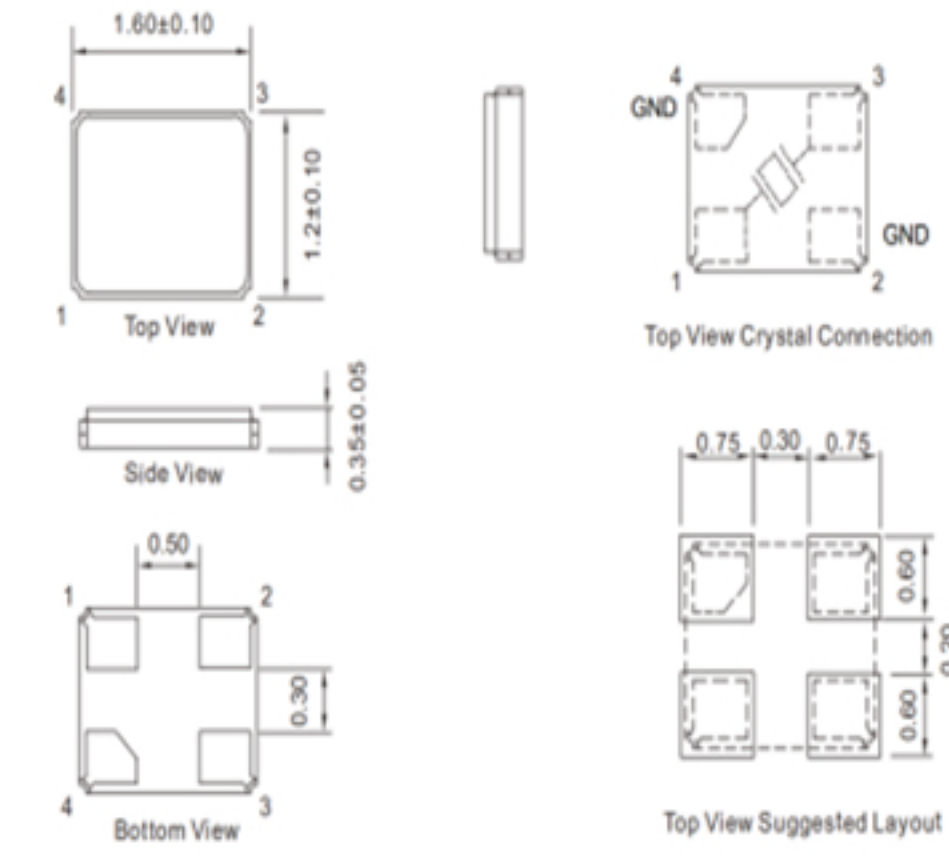
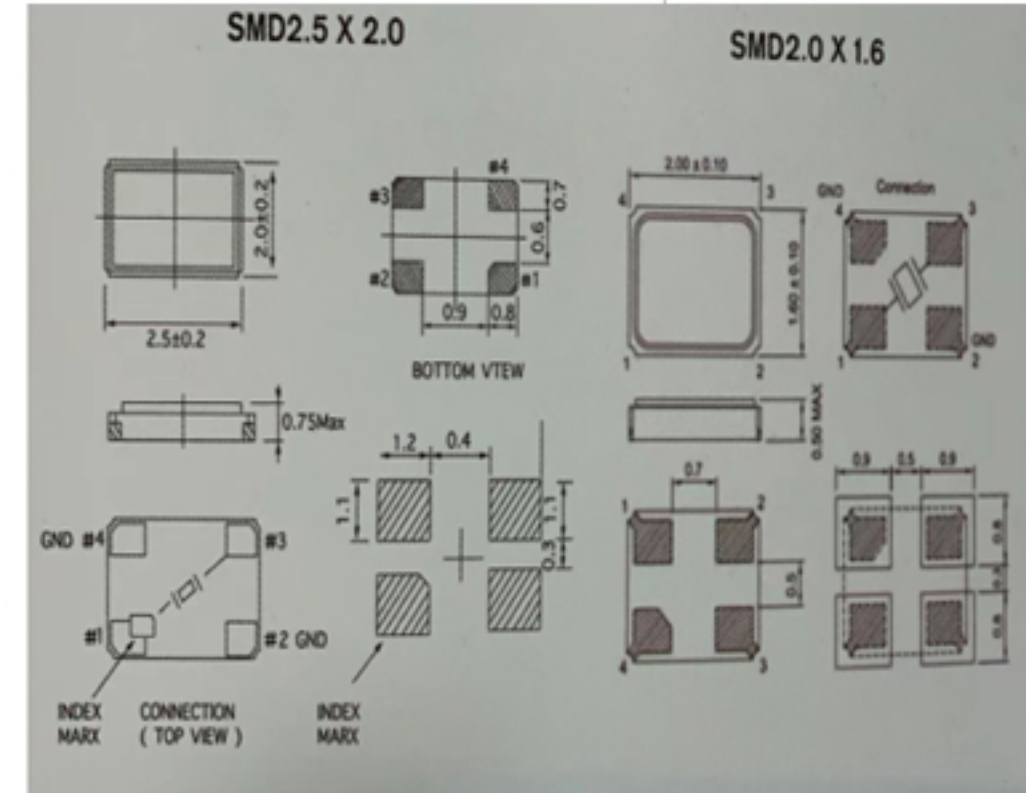
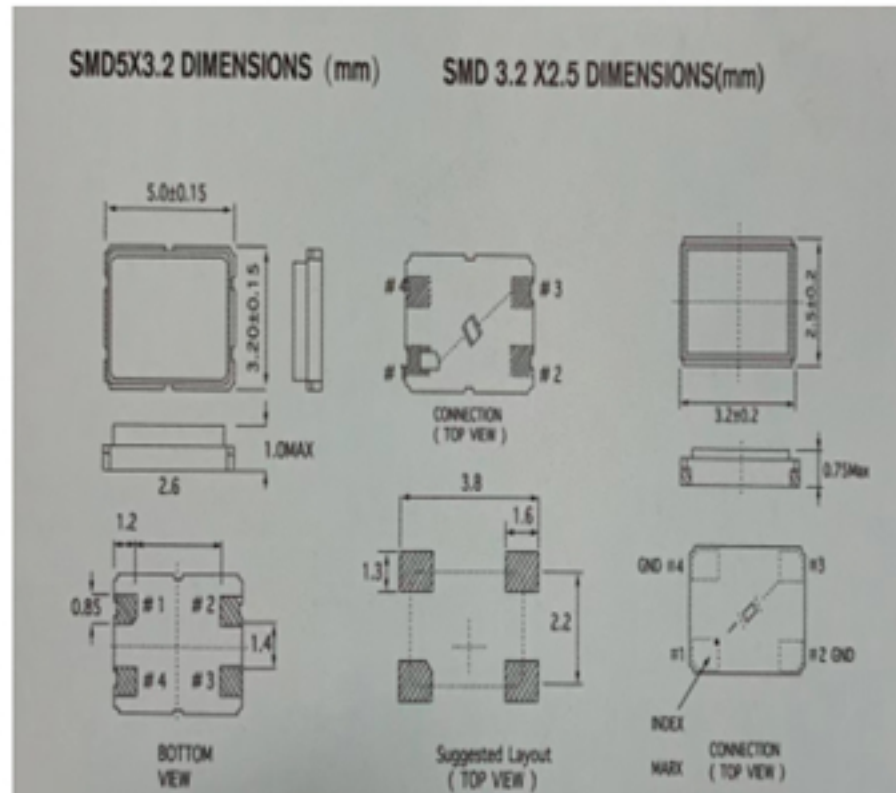
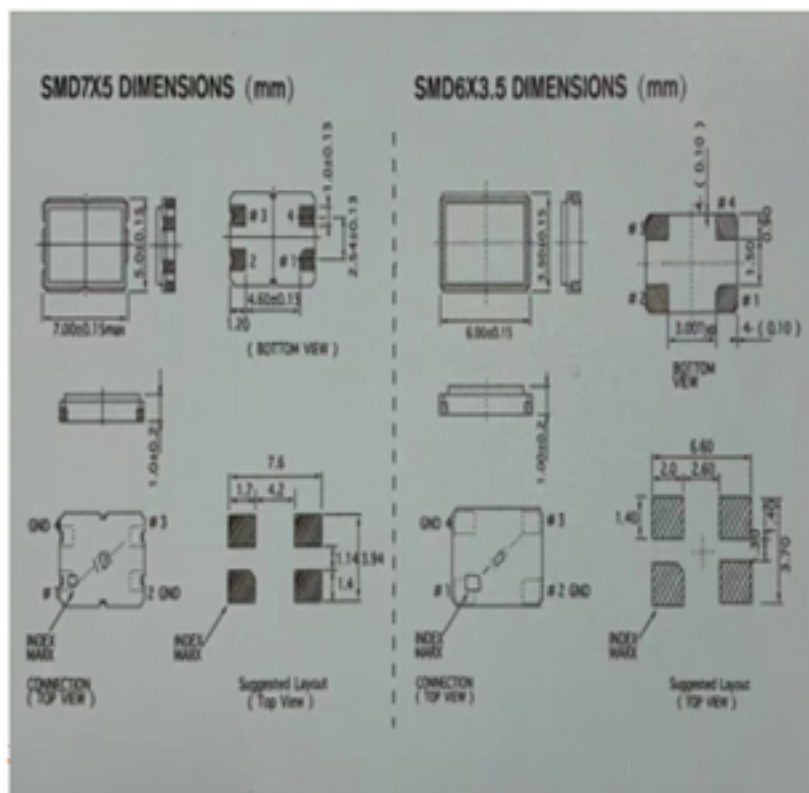
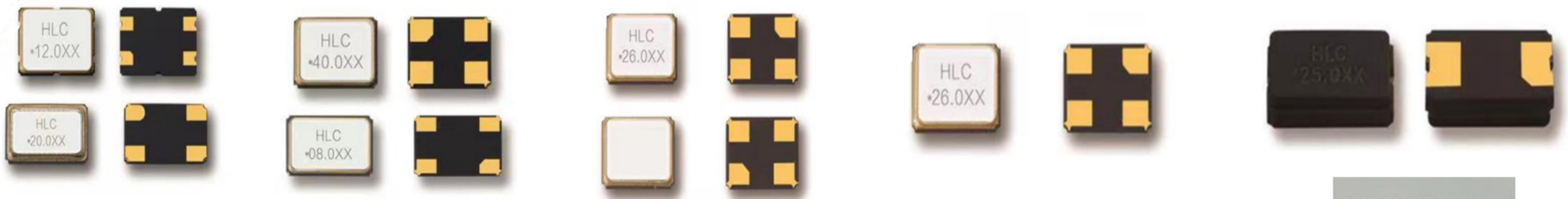


QUARTZ CRYSTAL UNIT



電氣特性	TYPE	SMD7.0x5.0	SMD6.0x3.5	SMD5.0x3.2	SMD3.2x2.5	SMD2.5x2.0	SMD2.0x1.6	SMD1.6x1.2	GLASS 5.0X3.2
頻率範圍	Frequency range	6MHz~125MHz	8MHz~125MHz	6MHz~125MHz	8MHz~100MHz	12MHz~60MHz	12MHz~62.5MHz	13.56MHz~60MHz	8MHz~54MHz
切型、振動模式	Crystal cut and Mode	AT/FUND & 3rd Overtone	AT/FUND & 3rd Overtone	AT/FUND & 3rd Overtone	AT/FUND & 3rd Overtone	AT/FUND	AT/FUND	AT/FUND	AT/FUND
調整頻差	Frequency Tolerance (at 25°C)	±10ppm ~ ±50ppm, or specify	±10ppm ~ ±50ppm, or specify	±10ppm ~ ±50ppm, or specify	±5ppm ~ ±50ppm, or specify ±10ppm (-20°C - 70°C); ±30ppm (-40°C - 85°C), or specify	±7ppm ~ ±50ppm, or specify	±7ppm ~ ±50ppm, or specify	±10ppm ~ ±50ppm, or specify	±10ppm ~ ±50ppm, or specify
溫度頻差	Frequency Temperature Characteris	±10ppm (-20°C - 70°C); ±30ppm (-40°C - 85°C)	±10ppm (-20°C - 70°C); ±30ppm (-40°C - 85°C)	±10ppm (-20°C - 70°C); ±30ppm (-40°C - 85°C)	±10ppm (-20°C - 70°C); ±30ppm (-40°C - 85°C), or specify	±10ppm (-20°C - 70°C); ±30ppm (-40°C - 85°C), or specify	±10ppm (-20°C - 70°C); ±30ppm (-40°C - 85°C), or specify	±10ppm (-20°C - 70°C); ±30ppm (-40°C - 85°C), or specify	±10ppm (-20°C - 70°C); ±30ppm (-40°C - 85°C)
儲存溫度	Storage Time Range	-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C
諧振電阻	Equivalent Series Resistance (ESR)	See Table	See Table	See Table	See Table	See Table	See Table	See Table	See Table
負載電容	Load Capacitance (CL)	6pf ~ ∞	6pf ~ ∞	6pf ~ ∞	6pf ~ ∞	6pf ~ ∞	6pf ~ ∞	6pf ~ ∞	6pf ~ ∞
靜態電容	Shunt Capacitance (Co)	<7pf	<7pf	<7pf	<5pf	<5pf	<5pf	<5pf	<7pf
絕緣電阻	Insulation Resistance	> 500MΩ At DC 200V	> 500MΩ At DC 200V	> 500MΩ At DC 200V	> 500MΩ At DC 200V	> 500MΩ At DC 200V	> 500MΩ At DC 200V	> 500MΩ At DC 200V	> 500MΩ At DC 200V
激勵功率	Drive Level	10 μw ~ 100 μw	10 μw ~ 100 μw	10 μw ~ 100 μw	10 μw ~ 100 μw	10 μw ~ 100 μw	10 μw ~ 100 μw	10 μw ~ 100 μw	10 μw ~ 100 μw
年老化率	Aging (Year)	±3ppm (Year)	±3ppm (Year)	±3ppm (Year)	±3ppm (Year)	±3ppm (Year)	±3ppm (Year)	±3ppm (Year)	±3ppm (Year)

FREQUENCIES VS EQUIVALENT SERIES RESISTANCE									
Frequency (MHz)	Mode	ESR (Ω) SMD7.0x5.0	ESR (Ω) SMD6.0x3.5	ESR (Ω) SMD5.0x3.2	ESR (Ω) SMD3.2x2.5	ESR (Ω) SMD2.5x2.0	ESR (Ω) SMD2.0x1.6	ESR (Ω) SMD1.6x1.2	ESR (Ω) GLASS 5.0X3.2
6.000 < f < 40.000	AT/FUND	< 120							
40.000 < f < 80.000	3rd Overtone	< 80							
8.000 < f < 40.000	AT/FUND		< 120						
40.000 < f < 80.000	3rd Overtone		< 80						
6.000 < f	AT/FUND			< 500					
6.000 < f < 20.000	AT/FUND			< 80					< 80
20.000 < f < 40.000	AT/FUND			< 40					< 40
40.000 < f < 80.000	3rd Overtone			< 60					< 60
8.000 < f < 12.000	AT/FUND				< 200				
12.000 < f < 20.000	AT/FUND				< 80	< 80	< 100		
20.000 < f < 30.000	AT/FUND				< 30	< 45	< 60		
30.000 < f < 54.000	AT/FUND				< 20	< 30	< 40		
13.560 < f < 20.000	AT/FUND							< 200	
20.000 < f < 50.000	AT/FUND							< 150	
50.000 < f < 60.000	AT/FUND							< 60	

除表中所列參數外，可根據客戶需要設計
In addition to the parameters listed in the table, it can be designed according to customer needs

編帶尺寸圖 / Taping Dimensions

