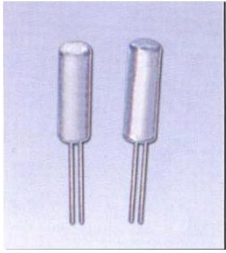


RoHS Compliant Standard

TDXLF-308



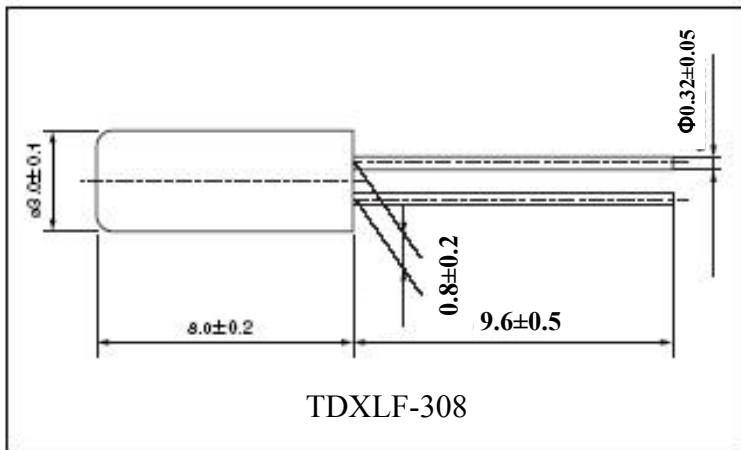
Features 特性

- Frequency Range:30-100KHz 頻率範圍： 30-100KHz
- Best suited for portable devices with low current consumption 非常適合低功耗的便攜設備
- For a clock source in digital equipments 適用於數碼設備的所有時鐘源

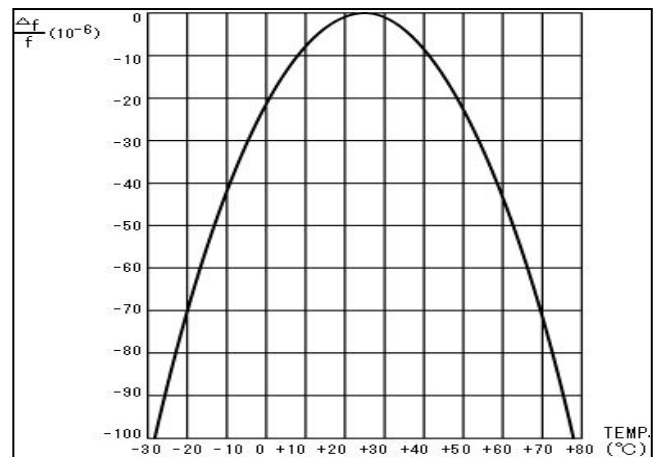
STANDARD SPECIFICATIONS 標準規格

Frequency Range	頻率範圍	32.768KHz	
Load Capacitance	負載電容	12.5pF	
Drive Level	激勵電平	1.0μW Max	
Frequency Tolerance	調整頻差	±20ppm	at 25°C Need to specify
Series Resistance	諧振電阻	30Kohm Max	at 25°C Depend on frequency
Turnover Temperature	拐點溫度	25±5°C	
Temperature Coefficient	二次溫度係數	[-0.035±0.01]ppm/°C ²	
Operating Temperature Range	工作溫度範圍	-20~+70°C	
Storage Temperature Range	保存溫度範圍	-40~+85°C	
Motional Capacitance	動態電容	0.0035pF Typical	和頻率有關Depend on frequency
Shunt Capacitance	靜態電容	1.75pF Typical	和頻率有關Depend on frequency
Capacitance Ratio	C0/C1	500 Typical	和頻率有關Depend on frequency
Aging[first year]	第一年老化率	±5ppm Max	25°C ±3°C
Quality Factor	Q值	60000Typical	和頻率有關Depend on frequency
Insulation Resistance	絕緣阻抗	500Mohm Min.	DC100V±15V(Pin to Pin,Pin to case)

OUTLINE DIMENSIONS



FREQUENCY VS. TEMPERATURE CURVE



注意：請避免在晶振底部玻璃部塗粘接劑和在晶振外殼直接焊接，否則，會造成特性劣化。

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