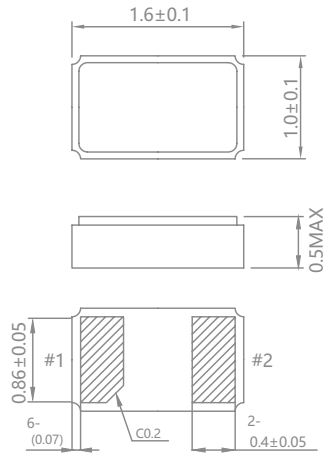
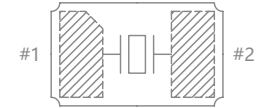


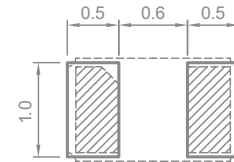
Dimensions(mm)



Connection



Suggested Layout



Units: mm

GENERIC SPECIFICATION

ITEM		QTS1 SMD1610	REMARK
Nominal Frequency Range		32.768KHz	
Frequency tolerance @ 25°C		±5ppm to ±20 ppm	Others are offered
Load Capacitance		6pF~12. 5pF	Please specify
Turn Over Temperature		25°C ±5°C	
Temperature Coefficient		-0.04 x 10 ⁻⁶ / °C ²	
Temperature Range	Storage Temp.	-40°C~ +85°C	
	Operating Temp.	-10°C~ +60°C to -40°C~ +85°C	
Drive Level		1.0uW	
Soldering Condition		Under 230°C ±5°C within 5 sec.	
Equivalent Series Resistance		90KΩ max	
Shunt Capacitance		1.2pF	Typical
Insulation Resistance		More than 500MΩ @ DC 100V	
Aging		First year ±3ppm	