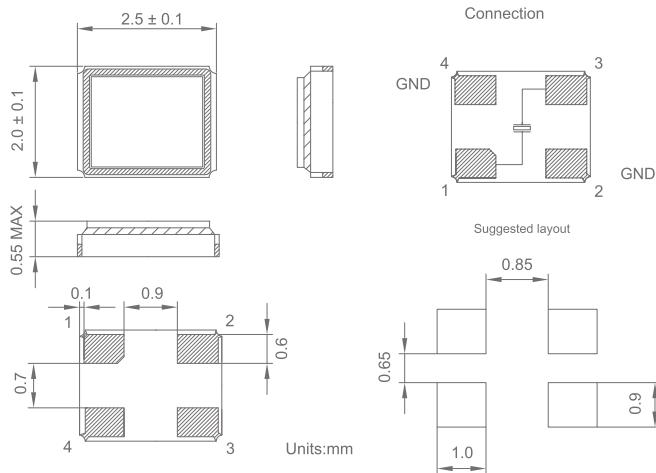
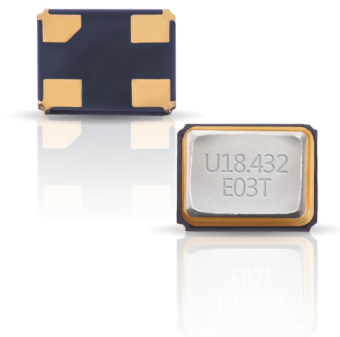


Dimensions(mm)



GENERIC SPECIFICATION

ITEM		QRS2 SMD2520-M4	REMARK
Nominal Frequency Range		16MHz to 50MHz	Fund. Mode / AT
Frequency tolerance @25 °C		±10ppm to ±100 ppm	Others are offered
Load Capacitance		8 pF to ∞pF	Please specify
Frequency temperature characteristics		±10ppm to ±100 ppm	Others are offered
Temperature Range	Storage Temp.	-40°C~ +85°C/-55°C~ + 125°C	
	Operating Temp.	-10°C~ +60°C to -40°C~ +85°C	Others are offered
Drive Level		10uW to 100uW(Typical:10uW)	Please specify
Equivalent Series Resistance		As Per Table	
Shunt Capacitance		5.0pF Max.	
Insulation Resistance		More than 500MΩ @ DC 100V	
Aging		First year ±3ppm	

MOTIONAL (SERIES) RESISTANCE (R1)

Frequency Range	16MHz-20MHz	20MHz-30MHz	30MHz-40MHz	40MHz-50MHz
Mode	Fundamental	Fundamental	Fundamental	Fundamental
R1	100Ω max	80Ω max	60Ω max	40Ω max