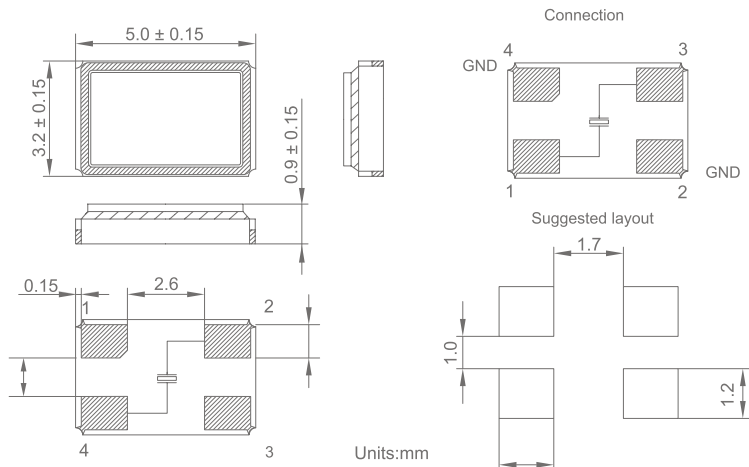


Dimensions(mm)



**GENERIC SPECIFICATION**

ITEM	QRS5 SMD5032-M4		REMARK
Nominal Frequency Range	8MHz to 150MHz		
Frequency tolerance @25 °C	±10ppm to ±100ppm		Others are offered
Load Capacitance	8pF 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	8MHz-10MHz	10MHz-12MHz	12MHz-16MHz	16MHz-20MHz	20MHz-24MHz	24MHz-50MHz	40MHz-150MHz
Mode	Fundamental	Fundamental	Fundamental	Fundamental	Fundamental	Fundamental	3 <sup>rd</sup> .Overtone
R1	100Ω max	80Ω max	60Ω max	50Ω max	40Ω max	30Ω max	80Ω max