



GENERIC SPECIFICATION

ITEM		QRS1 SMD2016-M4	REMARK
Nominal Frequency Range		16MHz to 54MHz	Fund. Mode / AT
Frequency tolerance @25 °C		±10ppm to ±100 ppm	Others are offered
Load Capacitance		7pF 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	Others are offered
	Operating Temp.	-10°C~ +60°C to -40°C~ +85°C	
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-19.2MHz	19.2MHz-30MHz	30MHz-54MHz
Mode	Fundamental	Fundamental	Fundamental
R1	200Ω max	100Ω max	80Ω max