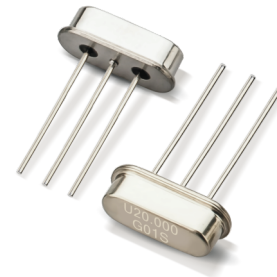


Dimensions(mm)



Choose	Type	H	Type Code
<input type="checkbox"/>	HC-49-3PIN	3.5	QRDB
<input type="checkbox"/>	HC-49SS-3PIN	2.8	QRDC
<input type="checkbox"/>	HC-49S3-3PIN	2.3	QRDI

#### GENERIC SPECIFICATION

ITEM		QRDB HC-49S-3PIN / QRDC HC-49SS-3PIN / QRDI HC-49S3-3PIN	REMARK
Nominal Frequency Range		3.5MHz to 40.0MHz	Fund. Mode/ AT or BT
		24.0MHz to 100.0MHz	Overtone mode
Frequency tolerance @ 25°C		$\pm 5$ ppm to $\pm 100$ ppm	Others are offered
Load Capacitance		5 pF to $\infty$ pF for Fund. Mode	Need to specify your requirement
Frequency temperature characteristics		$\pm 5$ ppm to $\pm 100$ 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 500uW(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 $\pm 3$ ppm	

#### MOTIONAL (SERIES) RESISTANCE (R1)

Frequency Range	3.5MHz-6MHz	6MHz-10MHz	10MHz-20MHz	20MHz-40MHz	30MHz-48MHz	48MHz-100MHz
Mode	Fundamental	Fundamental	Fundamental	Fundamental	3 <sup>rd</sup> , Overtone	3 <sup>rd</sup> , Overtone
R1	150Ω max	80Ω max	40Ω max	30Ω max	80Ω max	40Ω max