

HC-43U Series Crystal Resonator

Features:

- Excellent aging performance.
- Mass production capability.
- High reliability design
- RoHS Compliant / Pb Free
- Customized as request

Specification



Item	symbol	Specification		
		Min.	Max.	Unit
Material	-	Quartz / Gold		-
Frequency	F_0	8.192~200		MHz
Holder	-	43U(Cold press welding)		-
Cut / Overtone	-	SC / 3 & 5 & 7		-
Blank Surface Finish	-	Polished(>3 μ m per side)		-
Insulation Resistance	-	500		M Ω
Turnover point	TP ₁	60	120	$^{\circ}$ C
Turnover point deviation		$\pm(1\sim10)$		$^{\circ}$ C
Frequency Tolerance	-	$\pm(0.5\sim3)$		ppm
Dynamic capacitance	C ₁	0.1	10	fF
Static capacitance	C ₀	2	6	pF
Serial resistance	R ₁	10	150	Ω
Q factor	Q	100	1500	K
Aging in year	$\Delta F/F$	$\pm(0.01\sim0.1)$		ppm
Storage temperature range	T _{stg}	-55	125	$^{\circ}$ C
Standard Frequency	MHz	8.192 / 8.666 / 10 / 12.8 / 13 / 16.384 / 19.2 / 19.44 / 20 / 25 / 26 / 30.72 / 40 / 60 / 80 / 100		

Dimensions:

Unit: mm

