

Series 6C, Resistance Welded HC-49/S Surface Mount Package

FEATURE

- Height 3.7mm or 2.6mm, compact crystal unit for surface mount
- Able to copy by means of a metal case and completely sealed high resolution characteristics
- Copes with high density mounting and is the optimum for mass production



ELECTRICAL SPECIFICATIONS

Mode	6CS2, 6CS3
Frequency Range	6CS2: 10.000MHz to 70.000MHz 6CS3: 3.200MHz to 70.000MHz
Frequency Tolerance (at 25°C)	+/-30ppm (Standard), or specify
Frequency Stability Over Operating Temperature Range	+/-30ppm (Standard), or specify
Operating Temperature Range	-10°C to +60°C (Standard), -20°C to +70°C , -40°C to +85°C , or specify
Aging (at 25°C)	+/-5ppm/year Maximum
Storage Temperature Range	-40°C to 85°C
Shunt Capacitance	7pF Maximum
Insulation Resistance	500 Megaohms Minimum at 100Vdc
Drive Level	100μ Watts Minimum
Load Capacitance	Series, 16pF, 20pF, 30pF, 32pF, or specify

EQUIVALENT SERIES RESISTANCE(ESR) AND MODE OF OPERATION(MODE)

Frequency Range	E.S.R(Ω)	Mode	E.S.R(Ω)	Mode
3.200MHz~5.999MHz	90 Max.	Fundamental/ AT	40 Max.	Fundamental/ BT
6.000MHz~7.999MHz	50 Max.	Fundamental/ AT	150 Max.	Third Overtone/ AT
8.000MHz~15.999MHz	40 Max.	Fundamental/ AT	100 Max.	Third Overtone/ AT
16.000MHz~30.000MHz	20 Max.	Fundamental/ AT	80 Max.	Third Overtone/ AT

MARKING AND DIMENSIONS

