

Metal Can Type DIP Crystal HC-49S 9AC Series



Features

- Resistance welded type crystal units.
- A great number of standard frequencies.
- Higher frequency pullability and lower equivalent series resistance.
- Lower cost and highly mass production capability.
- The best choice of TV, STB, LCDM and Cable Modem.
- ROHS Compliant / Pb Free.



Crystals specifications

ITEMS/TYPE	9AC
Frequency Range	3.2~64 MHz
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 20 ppm, or specify
Operating Temperature Range	~40~+85℃, or specify
Shunt Capacitance (C0)	7pF Max.
Drive Level	1~ 500μW (50 μW typical)
Load Capacitance	20pF, or specify
Aging (at 25℃)	± 5 ppm / year Max.
Storage Temperature Range	-40~+125℃

Equivalent Series Resistance(ESR)

Frequency Range	Mode	ESR.	Frequency Range	Mode	ESR.
3.200~3.500MHz	FuAT,FundI	200 Ω Max.	16.001~19.999MHz	AT,FundI	40 Ω Max
3.501~3.999MHz	uAT,FundI	150 Ω Max.	20.000~29.999MHz	AT,FundI	30 Ω Max
4.000~4.999MHz	uAT,FundI	100 Ω Max.	30.000~48.000MHz	AT,FundI	20 Ω Max
5.000~8.000MHz	AT,FundI	80 Ω Max	30.000~48.000MHz	AT, 3RDI	80 Ω Max
8.001~16.000MHz	AT,FundI	60 Ω Max	48.000~64000MHz	AT, 3RDI	70 Ω Max

Dimensions and patterns(unit:mm)

