

# Metal Can Type DIP Crystals 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	3.2~90 MHz
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 20 ppm, or specify
Operating Temperature Range	~40~+85°C, or specify
Shunt Capacitance (C0)	7pF Max.
Drive Level	1~ 500μW (50 μW typical)
Load Capacitance	20pF, or specify
Aging (at 25°C )	± 5 ppm / year Max.
Storage Temperature Range	-40~+85°C
Packing Unit	200pcs/Bag

## Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
3.2~3.686MHz	200 Ω Max	27~30MHz	100 Ω Max
3.686~5MHz	150 Ω Max	30~64MHz	80 Ω Max
5~10MHz	80 Ω Max		
10~14MHz	40 Ω Max		
14~30MHz	30 Ω Max		

## Dimensions and patterns(unit:mm)

