



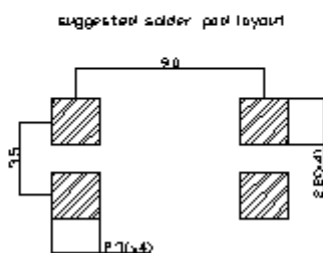
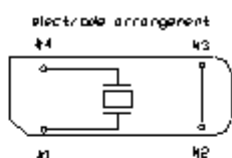
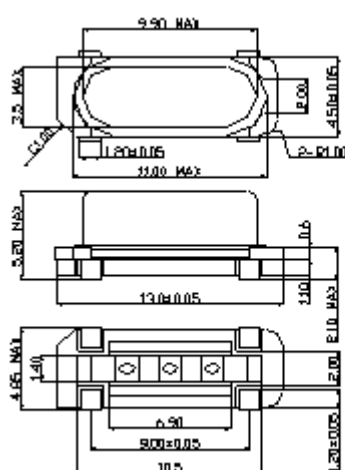
# S5 TYPE--HC-49/US 4-PAD PACKAGE

## Standard Specifications

FREQUENCY RANGE	3.200~70.000
Mode of Vibration	3.200~30.000MHz Fundamental 27.000~70.000MHz 3 rd Overtone
Drive Level	0.1 TYPICAL
Load Capacitance	8.0pF MIN
Frequency Tolerance	± 10 、 ± 30 、 ± 50(at 25 °C )
Shunt Capacitance	7 MAX
Operating Temperature Range	0 °C ~+70 °C Standard
Frequency Stability	± 30ppm Standard
Storage Temperature Range	-40 °C ~+85 °C
Aging (First Year)	± 5ppm(at 25 °C )

## Equivalent Series Resistance

FREQUENCY RANGE (MHZ)	ESR MAX ( Ω )	FREQUENCY RANGE (MHZ)	ESR MAX ( Ω )
3.200~3.499	300	7.000~8.999	80
3.500~3.999	200	9.000~12.999	60
4.000~4.999	150	13.000~19.999	40
5.000~5.999	150	20.000~30.999	30
6.000~6.999	100	27.000~70.000	100



All Dimensions in mm

**CHINA NATIONAL SCIENTIFIC INSTRUMENTS & MATERILAS. CORP**

Salse Office: Suite L, 7F, Mansion No 1, GUO DU Development Building, No.182 Chaozhui Road, No.182 Hangzhou P.R.China

TEL: 0086-571-85803723 85803731 85803732

FAX: 0086-571-85803724

E-mail: sales@csimc-freqcontrol.com thwu@mail.hz.zj.cn