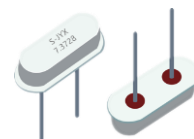


### Features

- .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.



### Electrical Specifications

Item/Type	DA
Frequency Range	3.2~90MHz
Frequency Tolerance (at 25°C)	±30ppm,or specify
Frequency Stability Over Operating Temperature Range	±30ppm,or specify
Operating Temperature Range	-20~+70°C,or specify
Shunt Capacitance (C <sub>0</sub> )	7 pF Max
Driver Level (Typical)	1~500μW (100μW typical)
Load Capacitance(C <sub>L</sub> )	5pF-30pF,or specify
Aging @25°C	±5ppm / year Max
Storage Temperature Range	-55~+125°C

### Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
3.2~6.0MHz	150Ω Max	27~30MHz	100Ω Max
6.0~10MHz	60Ω Max	30~50MHz	80Ω Max
10~30MHz	40Ω Max	50~90MHz	60Ω Max

### Dimensions

Top View

Side View

Bottom View

TYPE	H
S	3.5±0.2
SS	2.5±0.2

Units: mm