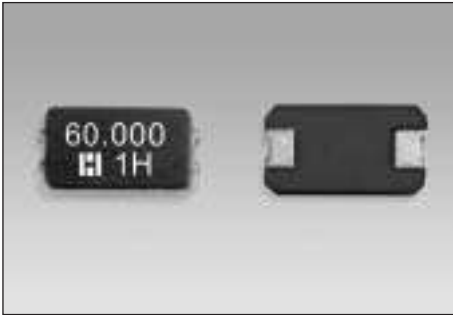


• HCX-8FA Series 8.0X4.5X1.6mm



The HCX-8FA is a miniature SMD crystal with 8X4.5 ceramic package and height of a 1.6mm max. it is widely applied in notebook computer, PCMCIA and communication equipment.

FEATURES

- Miniature size
- Wide Frequency Range
- Glass sealing
- Emboss taping

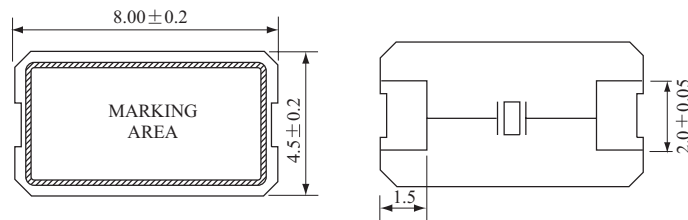
Electrical Specifications

Parameter	Symb	Condition	Min	Type	Max	Units
Frequency Range	F ₀		10		80	MHz
Frequency Tolerance	ΔF/ F ₀	AT 25°C	±30	±50	±100	ppm
Temperature Stability	T _C	REF TO 25°C	±30	±50	±100	ppm
Operating Temperature Range	T _{OPR}		-10		+70	°C
Storage Temperature Range	T _{STG}		-40		+85	°C
Shunt Capacitance	C ₀				7	pF
Load Capacitance	C _L	Customer specified	10		Series	pF
Insulator Resistance	I _R	100V _{DC}	500			MΩ
Drive Level	D _L			100	300	μW
Aging	F _a	AT 25°C, per year	-5.0		+5.0	ppm

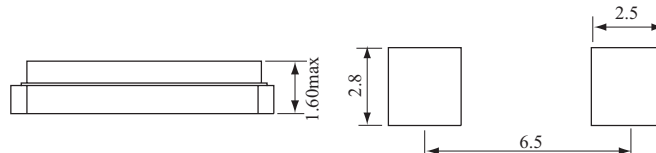
Equivalent Series Resistance(ESR) and Mode of Vibration(Mode)

Frequency Range	Max ESR(Ω)	Mode
10.000MHz to 11.999MHz	80	Fundamental
12.000MHz to 39.999MHz	50	Fundamental
40.000MHz to 80.000MHz	70	3 rd Overtone

Mechanical Dimensions(mm)



Recommended Solder Pattern



TAIWAN:

HOSONIC ELECTRONIC CO., LTD.
23-1 LANE 84. CHUN YING ST. SHULIN CHEN.
TAIPEI 23804. TAIWAN
WEB SITE: <http://www.hosonic.com.tw>

☎ : 886-2-86875200
☎ : 886-2-26816456
✉ : david@hosonic.com.tw

CHINA:

HANGZHOU HOSONIC ELECTRONIC CO., LTD.
NO.122 LIANGBO ROAD. LIANGZHU TOWN.
YUHANG DISTRICT, HANGZHOU, ZHEJIANG, CHINA
WEB SITE: <http://www.hosonic.com.cn>

☎ : (86)-571-88778189
☎ : (86)-571-88778857
✉ : market@hosonic.com.cn

Specifications are subject to change without notice