

## LCH Series Lead-free/For High Frequency Applications

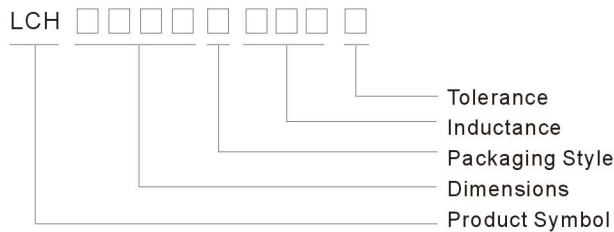
### Features

- Excellent Q factor and SRF characteristics
- Cost effective
- Small size of 1005/1608 is suitable for small portable equipment.
- Supports operating frequency up to 6GHz with nominal
- Inductance values from 1.0nH to 330nH.

### Applications

- RF Resonance and Impedance Matching Circuit
- RF and wireless communication
- Information technology equipments, computers, telecommunications, detectors, automotive electronics, cellular phones, papers, PDAs, keyless remote systems.
- Use in L-C filter configurations.

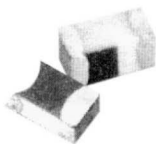
### Product Identification



- Packaging Style: T: Taping B: Bulk
- Tolerance: S=±0.3nH J=±5% K=±10%

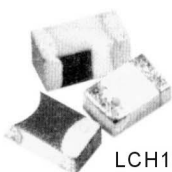
### Shapes and Dimensions

LCH1005-H



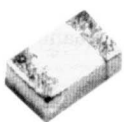
LCH1005-S

LCH1608-H Series



LCH1608-W

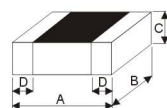
LCH1608-S



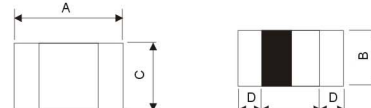
LCH2012-S

### LCH1005

LCH1005-S Series



LCH1005-H Series

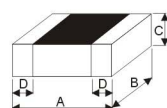


Dimensions in mm

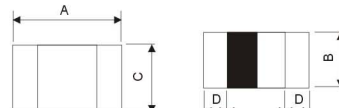
A	B	C	D
1.0±0.10	0.5±0.10	0.5±0.10	0.25±0.10

### LCH1608

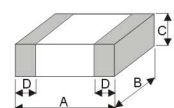
LCH1608-S Series



LCH1608-H Series



LCH1608-W Series

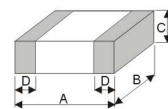


Dimensions in mm

A	B	C	D
1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2

### LCH2012

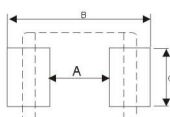
LCH2012-S Series



Dimensions in mm

A	B	C	D
2.0±0.2	1.25±0.2	0.9±0.2	0.5±0.3

### Recommended Pattern



Dimensions in mm

A	B	C
0.4	1.2~1.4	0.4
0.8	2.4~3.4	0.8
1.2	3.0~4.0	1.2