

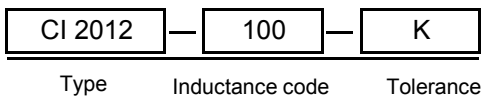
■ Features:

- High mounting density of compact circuit due to crosstalk elimination that results from a closed magnetic flux in a ferrite material
- Suitable for flow and re-flow soldering
- Available in 4 sizes

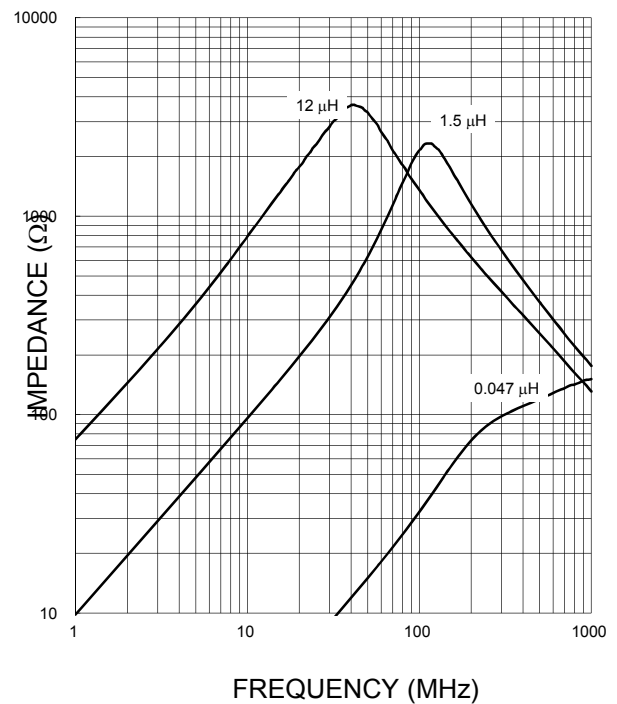
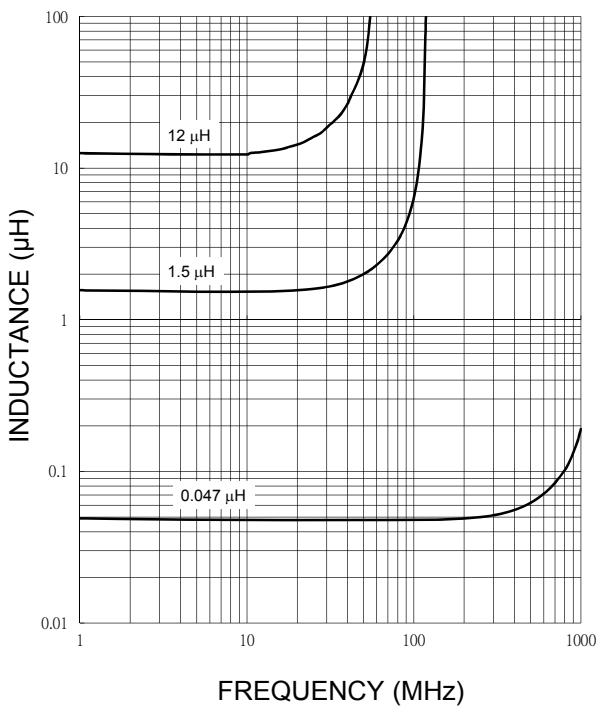
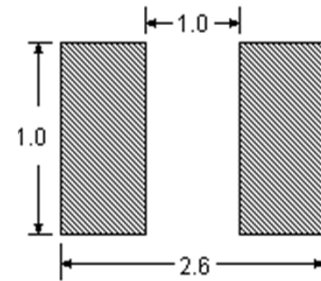
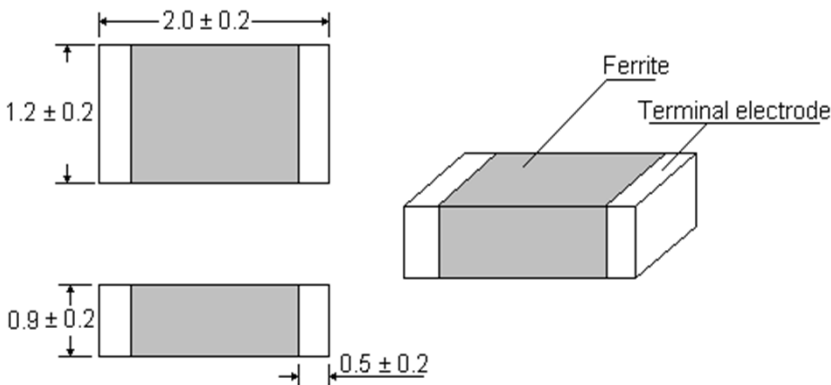
■ Applications:

- Personal computers, HDDs, or other various electronic appliances
- Any general circuit of portable equipment in which compact size and high mounting densities are required

■ Parts code:



■ Recommended Land Pattern:



■ Operating temperature: -55°C to + 125°C

Storage temperature: -55°C to + 125°C

## ■ Specifications

Inductance		CI 2012					
		Q	Test Frequency	SRF	DC Resistance	Rated Current	Thickness
Code	uH	(Min)	(L, Q) MHz	(MHz) Min	(Ω) Max	(mA) Max	m/m
47N	0.047	15	50	320	0.2	300	0.9 ± 0.2
68N	0.068	15	50	280	0.2	300	0.9 ± 0.2
82N	0.082	15	50	255	0.2	300	0.9 ± 0.2
R10	0.10	20	25	235	0.3	250	0.9 ± 0.2
R12	0.12	20	25	220	0.3	250	0.9 ± 0.2
R15	0.15	20	20	200	0.4	250	0.9 ± 0.2
R18	0.18	20	20	185	0.4	250	0.9 ± 0.2
R22	0.22	20	20	170	0.5	250	0.9 ± 0.2
R27	0.27	20	20	150	0.5	250	0.9 ± 0.2
R33	0.33	20	20	145	0.55	250	0.9 ± 0.2
R39	0.39	25	25	135	0.65	200	0.9 ± 0.2
R47	0.47	25	25	125	0.65	200	0.9 ± 0.2
R56	0.56	25	25	115	0.75	150	0.9 ± 0.2
R68	0.68	25	25	105	0.80	150	0.9 ± 0.2
R82	0.82	25	25	100	1.00	150	0.9 ± 0.2
1R0	1.0	45	10	75	0.40	50	0.9 ± 0.2
1R2	1.2	45	10	65	0.50	50	0.9 ± 0.2
1R5	1.5	45	10	60	0.50	50	0.9 ± 0.2
1R8	1.8	45	10	55	0.60	50	0.9 ± 0.2
2R2	2.2	45	10	50	0.65	30	0.9 ± 0.2
2R7	2.7	45	10	45	0.75	30	1.25 ± 0.2
3R3	3.3	45	10	41	0.80	30	1.25 ± 0.2
3R9	3.9	45	10	38	0.90	30	1.25 ± 0.2
4R7	4.7	45	10	35	1.00	30	1.25 ± 0.2
5R6	5.6	50	4	32	0.90	15	1.25 ± 0.2
6R8	6.8	50	4	29	1.00	15	1.25 ± 0.2
8R2	8.2	50	4	26	1.10	15	1.25 ± 0.2
100	10	50	2	24	1.15	15	1.25 ± 0.2
120	12	50	2	22	1.25	15	1.25 ± 0.2
150	15	30	1	19	0.80	5	1.25 ± 0.2
180	18	30	1	18	0.90	5	1.25 ± 0.2
220	22	30	1	16	1.10	5	1.25 ± 0.2
270	27	30	1	14	1.15	5	1.25 ± 0.2
330	33	30	1	13	1.25	5	1.25 ± 0.2
390	39	35	1	8	2.90	4	1.25 ± 0.2

※ Test Equipment: HP4291 Impedance Analyzer

### ■ Notes:

1.Tolerance: K= ± 10% M= ± 20%

2.PACKAGING: 4000Pcs/Reel