

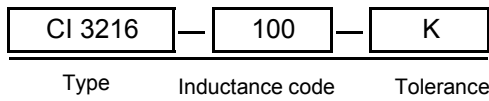
■ Features:

- 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

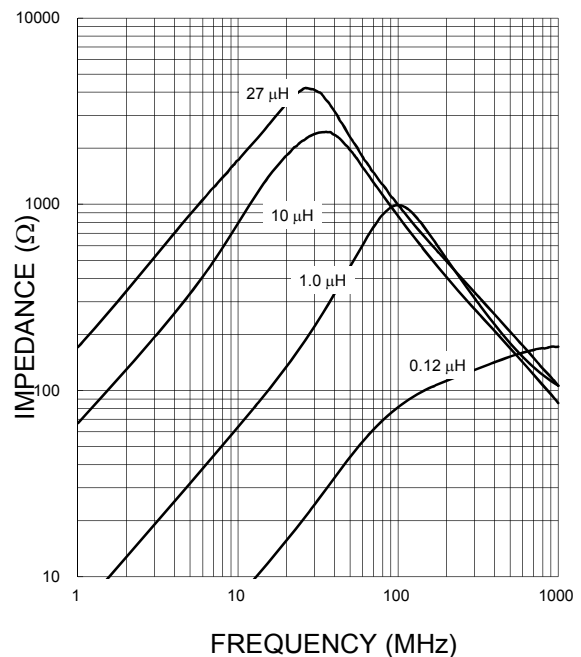
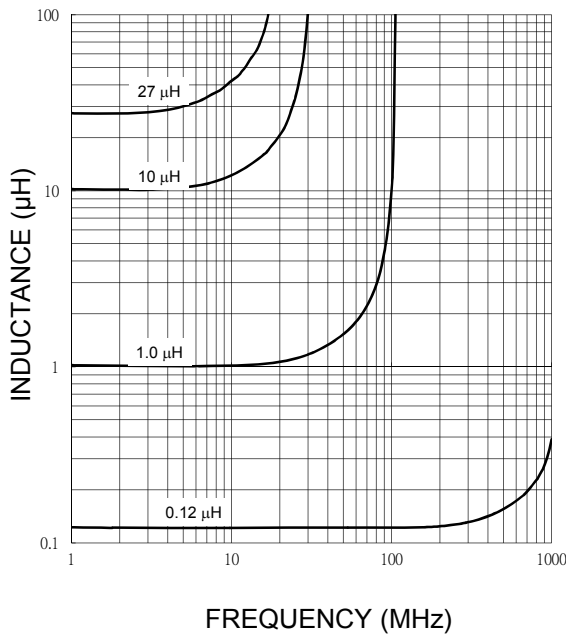
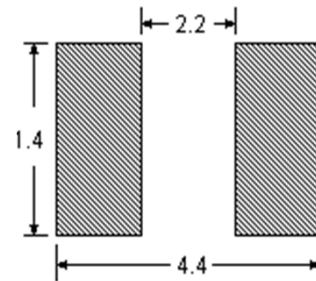
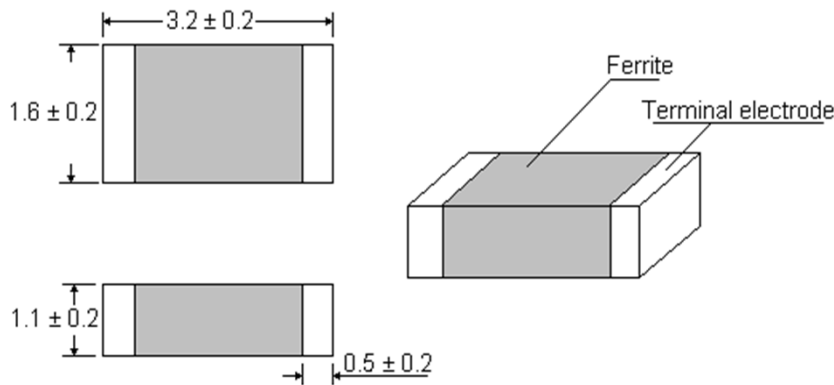
■ Applications:

- 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 3216					
		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	20	50	320	0.15	300	1.1 ± 0.2
68N	0.068	20	50	280	0.25	300	1.1 ± 0.2
82N	0.082	20	50	250	0.25	300	1.1 ± 0.2
R10	0.10	20	25	235	0.25	250	1.1 ± 0.2
R12	0.12	20	25	220	0.30	250	1.1 ± 0.2
R15	0.15	20	25	200	0.30	250	1.1 ± 0.2
R18	0.18	20	25	185	0.40	250	1.1 ± 0.2
R22	0.22	20	25	170	0.40	250	1.1 ± 0.2
R27	0.27	20	25	150	0.50	250	1.1 ± 0.2
R33	0.33	20	25	145	0.60	250	1.1 ± 0.2
R39	0.39	25	25	135	0.50	250	1.1 ± 0.2
R47	0.47	25	25	125	0.60	200	1.1 ± 0.2
R56	0.56	25	25	115	0.70	200	1.1 ± 0.2
R68	0.68	25	25	105	0.80	150	1.1 ± 0.2
R82	0.82	25	25	100	0.90	150	1.1 ± 0.2
1R0	1.0	45	10	75	0.40	100	1.1 ± 0.2
1R2	1.2	45	10	65	0.50	100	1.1 ± 0.2
1R5	1.5	45	10	60	0.50	50	1.1 ± 0.2
1R8	1.8	45	10	55	0.50	50	1.1 ± 0.2
2R2	2.2	45	10	50	0.60	50	1.1 ± 0.2
2R7	2.7	45	10	45	0.60	50	1.1 ± 0.2
3R3	3.3	45	10	41	0.70	50	1.1 ± 0.2
3R9	3.9	45	10	38	0.80	50	1.1 ± 0.2
4R7	4.7	45	10	35	0.90	50	1.1 ± 0.2
5R6	5.6	50	4	32	0.70	25	1.1 ± 0.2
6R8	6.8	50	4	29	0.80	25	1.1 ± 0.2
8R2	8.2	50	4	26	0.90	25	1.1 ± 0.2
100	10	50	2	24	1.00	25	1.1 ± 0.2
120	12	50	2	22	1.05	15	1.1 ± 0.2
150	15	35	1	19	0.70	5	1.1 ± 0.2
180	18	35	1	18	0.70	5	1.1 ± 0.2
220	22	35	1	16	0.90	5	1.1 ± 0.2
270	27	35	1	14	0.90	5	1.1 ± 0.2
330	33	35	1	13	1.05	5	1.1 ± 0.2
390	39	40	2	11	3.00	10	1.6 ± 0.2
470	47	40	2	10	3.40	10	1.6 ± 0.2

※ Test Equipment: HP4291 Impedance Analyzer

■ Notes: 1.Tolerance: K= ± 10% M= ± 20%

2.PACKAGING: 3000Pcs/Reel