

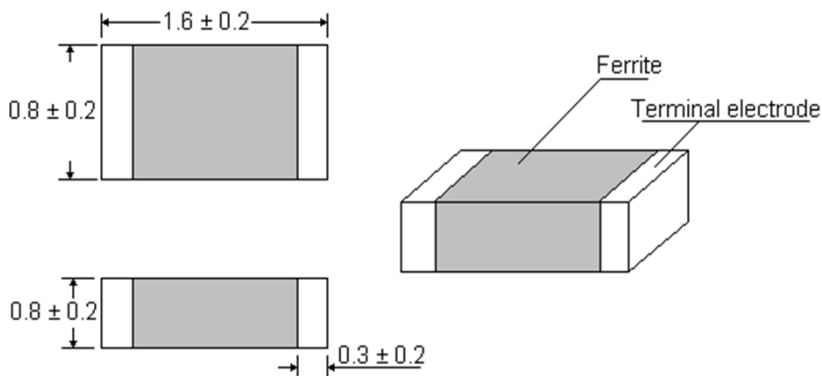
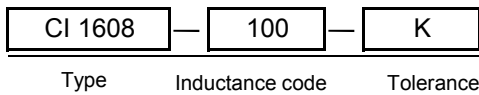
■ Features:

- 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

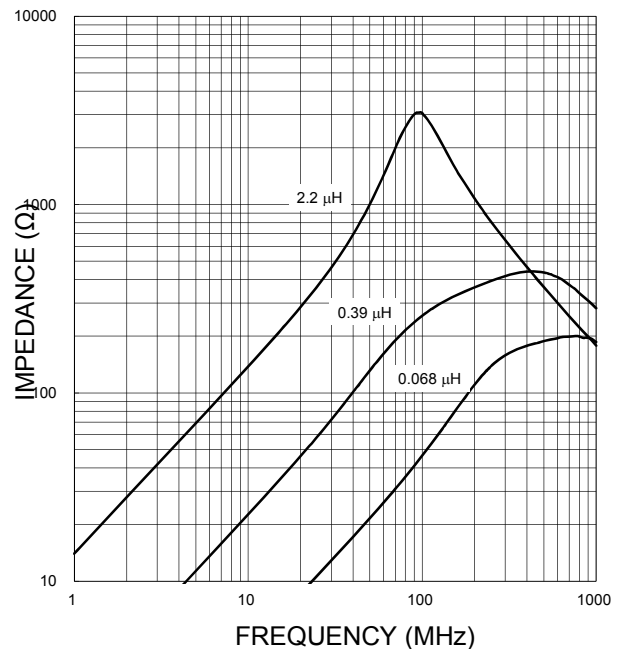
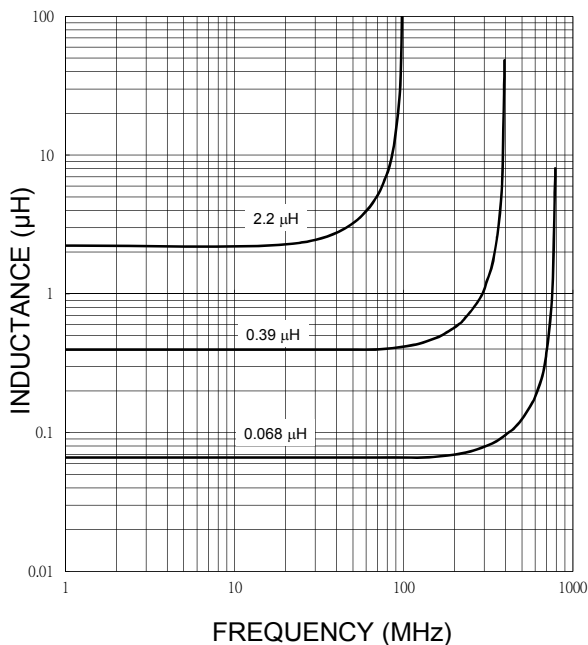
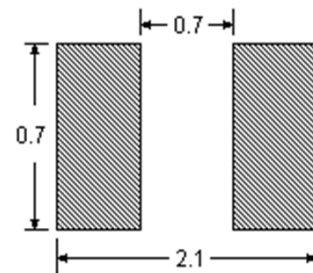
■ Applications:

- 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 1608					
		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	10	50	260	0.3	50	0.8 ± 0.2
68N	0.068	10	50	250	0.3	50	0.8 ± 0.2
82N	0.082	10	50	245	0.3	50	0.8 ± 0.2
R10	0.10	15	25	240	0.5	50	0.8 ± 0.2
R12	0.12	15	25	205	0.5	50	0.8 ± 0.2
R15	0.15	15	25	180	0.6	50	0.8 ± 0.2
R18	0.18	15	25	165	0.6	50	0.8 ± 0.2
R22	0.22	15	25	150	0.8	50	0.8 ± 0.2
R27	0.27	15	25	136	0.8	50	0.8 ± 0.2
R33	0.33	15	25	125	0.85	35	0.8 ± 0.2
R39	0.39	15	25	110	1.00	35	0.8 ± 0.2
R47	0.47	15	25	105	1.35	35	0.8 ± 0.2
R56	0.56	15	25	95	1.55	35	0.8 ± 0.2
R68	0.68	15	25	90	1.70	35	0.8 ± 0.2
R82	0.82	15	25	85	2.10	35	0.8 ± 0.2
1R0	1.0	35	10	75	0.60	25	0.8 ± 0.2
1R2	1.2	35	10	65	0.80	25	0.8 ± 0.2
1R5	1.5	35	10	60	0.80	25	0.8 ± 0.2
1R8	1.8	35	10	55	0.95	25	0.8 ± 0.2
2R2	2.2	35	10	50	1.15	15	0.8 ± 0.2
2R7	2.7	35	10	45	1.35	15	0.8 ± 0.2
3R3	3.3	35	10	40	1.55	15	0.8 ± 0.2
3R9	3.9	35	10	35	1.70	15	0.8 ± 0.2
4R7	4.7	35	10	33	2.10	15	0.8 ± 0.2
5R6	5.6	35	4	22	1.55	5	0.8 ± 0.2
6R8	6.8	35	4	20	1.70	5	0.8 ± 0.2
8R2	8.2	35	4	18	2.10	5	0.8 ± 0.2
100	10	30	2	17	1.85	3	0.8 ± 0.2
120	12	30	2	15	2.10	3	0.8 ± 0.2
150	15	20	1	14	1.70	1	0.8 ± 0.2
180	18	15	1	13	2.00	1	0.8 ± 0.2
220	22	15	1	11	21.00	1	0.8 ± 0.2

※ Test Equipment: HP4291 Impedance Analyzer

■ Notes:

- 1.Tolerance: K= ± 10% M= ± 20%
- 2.PACKAGING: 4000Pcs/Reel