



CMI-RWCI1 608-SERIES

Features

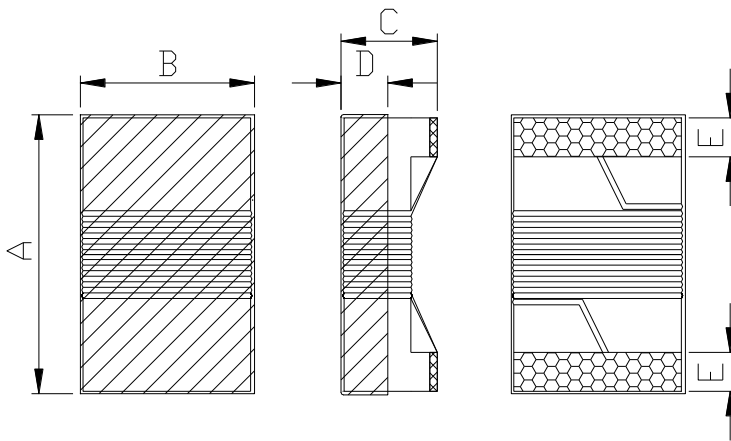
- ▶ Halogen-Free / RoHS compliant.
- ▶ Support operating frequency up to 10GHz.
- ▶ Provide high quality factor.
- ▶ Monolithic structure for high reliability.
- ▶ Excellent solderability and high heat resistance for either flow or reflow soldering.



Applications

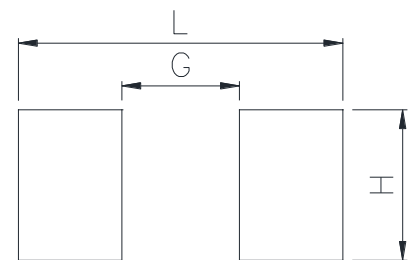
- ▶ RF circuit and module.
- ▶ Tablet, Notebook, Desktop computers and peripheral equipment
- ▶ DSC, DVC, LCD Television, Set Top Box.
- ▶ Mobile phone, Smart phone, PND
- ▶ Digital communication equipment
- ▶ Various electronic equipment.
- ▶ Various automotive electronics

Dimension (Unit:mm)



A	B	C	D	E
1.6±0.2	1.05±0.2	1.05±0.2	0.5	0.35±0.1

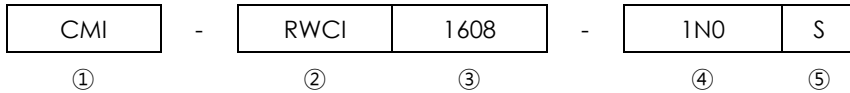
Land Pattern (Unit:mm)



L	G	H
2.6	0.6	0.8

- You can also contact us by e-mail : coilmaster@coilmaster.com
- All specifications are subject to change without notice.
- Update date : 2023.03.29

Regulation of part number



- ① CoilMaster's initial
- ② Product Series Name
- ③ Core Size (unit:mm)
- ④ Inductance Value (1N0 : 1.0 nH)
- ⑤ Inductance Tolerance (S : ±0.3nH, G : ±2%, J : ±5%, K : ±10%, M : ±20%)

Specifications

Part Number	L (nH)	Q Min.	Test Frequency (MHz)	Q Typ. @900MHz	SRF (MHz) Min.	DC Resistance (ohm) Max.	Rated Current (mA) Max.
CMI-RWCI1608-2N0B,S	2.0	16	250	31	6900	0.08	700
CMI-RWCI1608-3N9B,S	3.9	22	250	51	6900	0.08	700
CMI-RWCI1608-4N7B,S	4.7	20	250	47	5800	0.13	700
CMI-RWCI1608-6N8B,J,K	6.8	30	250	63	5800	0.11	700
CMI-RWCI1608-8N2B,J,K	8.2	30	250	72	4600	0.10	700
CMI-RWCI1608-10NG,J,K	10	30	250	66	3800	0.13	700
CMI-RWCI1608-12NG,J,K	12	35	250	72	4000	0.13	700
CMI-RWCI1608-15NG,J,K	15	35	250	68	4000	0.17	700
CMI-RWCI1608-18NG,J,K	18	38	250	77	3100	0.17	700
CMI-RWCI1608-22NG,J,K	22	38	250	70	3000	0.22	700
CMI-RWCI1608-27NG,J,K	27	40	250	75	2800	0.22	600
CMI-RWCI1608-33NG,J,K	33	43	250	78	2300	0.22	600
CMI-RWCI1608-39NG,J,K	39	43	250	66	2200	0.25	600
CMI-RWCI1608-47NG,J,K	47	40	200	65	2000	0.28	600
CMI-RWCI1608-56NG,J,K	56	40	200	66	1900	0.31	600
CMI-RWCI1608-68NG,J,K	68	40	200	57	1700	0.34	00
CMI-RWCI1608-72NG,J,K	72	35	150	60	1700	0.49	400
CMI-RWCI1608-82NG,J,K	82	35	150	58	1700	0.54	400
CMI-RWCI1608-R10G,J,K	100	35	150	51	1400	0.63	400
CMI-RWCI1608-R12G,J,K	120	35	150	45	1300	0.65	300

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