MCI Series

High Frequency Chip Inductor(Lead Free)

Size 1608

CHARACTERISTICS

- Monolithic inorganic material construc on.
- Closed magne c circuit avoids crosstalk.
- Shapes and dimensions follow E.I.A. spec.
- Available in various sizes.

Excellent solderability and heat resistance.
Compliant with RoHS legisla on and also support lead-free soldering.
High SRF up to 6GHz and above.
Quan ty: 4000pcs

APPLICATION

- High frequency circuits

Bluetooth
Wireless LAN
Filter circuits
Oscillators

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com

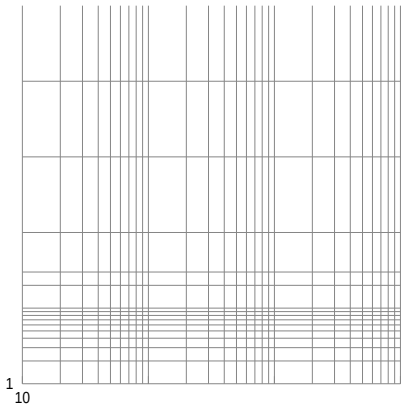
Part No	Inductance (nH)	Tolerance	Q@100MHz		Rated Current Max. (mA)	DCR Max.	SRF Min. (MHz)	Test Frequency (MHz)
			Normal Value	Min.				
MCI1608-22NJ	22	±5%	16	12	300	0.40	1600	100
MCI1608-27NJ	27	±5%	16	12	300	0.45	1400	100
MCI1608-33NJ	33	±5%	17	12	300	0.55	1200	100
MCI1608-39NJ	39	±5%	18	12	300	0.60	1100	100
MCI1608-47NJ	47	±5%	17	12	300	0.70	900	100
MCI1608-56NJ	56	±5%	17	12	300	0.75	900	100
MCI1608-68NJ	68	±5%	18	12	300	0.85	700	100
MCI1608-82NJ	82	±5%	18	12	300	0.95	600	100
MCI1608-R10J	100	±5%	18	12	300	1.00	600	100
MCI1608-R12J	120	±5%	16	8	300	1.20	500	50
MCI1608-R15J	150	±5%	13	8	300	1.20	500	50
MCI1608-R18J	180	±5%	13	8	300	1.30	400	50
MCI1608-R22J	220	±5%	12	8	300	1.50	400	50
MCI1608-R27J	270	±5%	14	8	150	1.90	300	50

Opera ng Temperature : -40 ~ +85℃

Temperature rise current: the actual value of DC current when the temperature rise is ΔT30℃max.

Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com