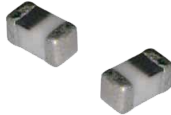


MCI Series

High Frequency Chip Inductor(Lead Free)

Size 1005



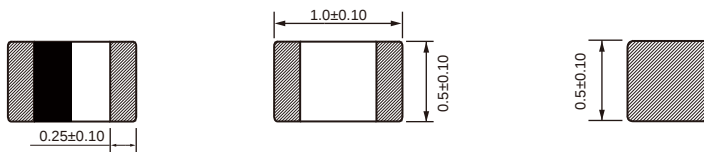
FEATURES

- Monolithic inorganic material construction.
- Closed magnetic circuit avoids crosstalk.
-
-
-
-
- Compliant with RoHS legislation and also support
- Quantity:10000pcs

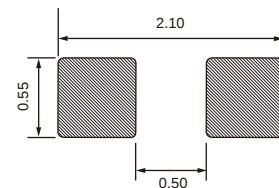
APPLICATION

-
-
-
-
-

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

						(Ω)	
MCI1005-1N0S	1.0	±0.3 nH	11	8	300	0.09	10000
MCI1005-1N2S	1.2	±0.3 nH	11	8	300	0.09	10000
MCI1005-1N5S	1.5	±0.3 nH	11	8	300	0.12	6000
MCI1005-1N8S	1.8	±0.3 nH	11	8	300	0.12	6000
MCI1005-2N2S	2.2	±0.3 nH	10	8	300	0.14	6000
MCI1005-2N7S	2.7	±0.3 nH	10	8	300	0.14	6000
MCI1005-3N3J	3.3	±5%	10	8	300	0.16	6000
MCI1005-3N9J	3.9	±5%	10	8	300	0.19	4000
MCI1005-4N7J	4.7	±5%	10	8	300	0.21	4000
MCI1005-5N6J	5.6	±5%	10	8	300	0.23	4000
MCI1005-6N8J	6.8	±5%	10	8	300	0.25	3900
MCI1005-8N2J	8.2	±5%	10	8	300	0.28	3600
MCI1005-10NJ	10	±5%	10	8	300	0.31	3200
MCI1005-12NJ	12	±5%	11	8	300	0.40	2700
MCI1005-15NJ	15	±5%	11	8	300	0.50	2300
MCI1005-18NJ	18	±5%	11	8	300	0.55	2100

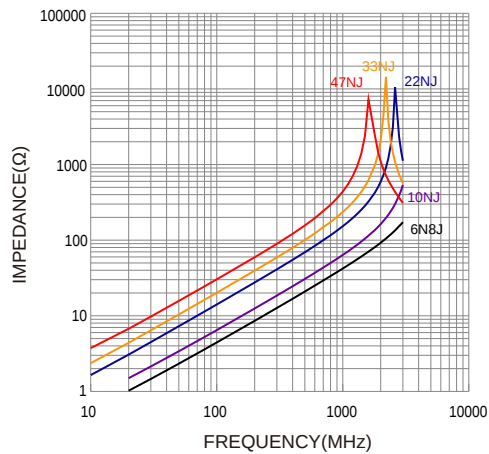
						(Ω)	
MCI1005-22NJ	22	±5%	11	8	300	0.60	1900
MCI1005-27NJ	27	±5%	11	8	300	0.70	1600
MCI1005-33NJ	33	±5%	11	8	300	0.80	1300
MCI1005-39NJ	39	±5%	11	8	200	1.00	1200
MCI1005-47NJ	47	±5%	11	8	200	1.20	1000
MCI1005-56NJ	56	±5%	11	8	200	1.30	750
MCI1005-68NJ	68	±5%	11	8	180	2.00	750

Operating Temperature : -40 ~ +85 °C

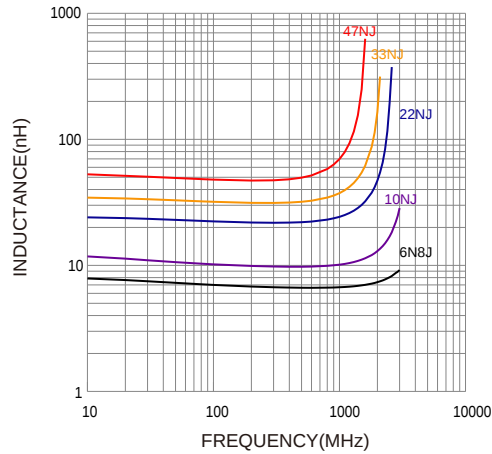
Temperature rise current: the actual value of DC current when the temperature rise is ΔT30 °C

Typical Electrical Characteristics:

Impedance VS. Frequency Characteristics:



Inductance VS. Frequency Characteristics:



Q VS. Frequency Characteristics:

