

# MCI Series

## Multilayer Ceramic SMD Inductor

### Size 0201

#### CHARACTERISTICS

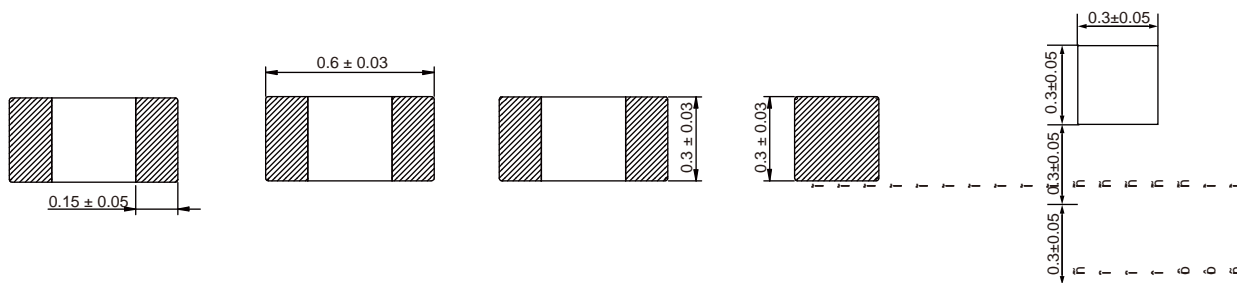
- Multi-layer design with ceramic design
- High SRF up to 15Ghz
- Small size and small tolerance available
- Quantity: 15000pcs

#### APPLICATION

- HF application

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

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MCI0201-1N0S	1.0	±0.3nH	13						
MCI0201-1N2S	1.2	±0.3nH	14						
MCI0201-1N5S	1.5	±0.3nH	14						
MCI0201-1N8S	1.8	±0.3nH	15						
MCI0201-2N2S	2.2	±0.3nH	15						
MCI0201-2N7S	2.7	±0.3nH	16						
MCI0201-3N3S	3.3	±0.3nH	16						
MCI0201-3N9S	3.9	±0.3nH	16						
MCI0201-4N7S	4.7	±0.3nH	16						
MCI0201-5N6S	5.6	±0.3nH	16						
MCI0201-6N8J	6.8	±5%	16						
MCI0201-8N2J	8.2	±5%	16						
MCI0201-10NJ	10	±5%	16						
MCI0201-12NJ	12	±5%	16						
MCI0201-15NJ	15	±5%	15						
MCI0201-18NJ	18	±5%	15						
MCI0201-22NJ	22	±5%	14						

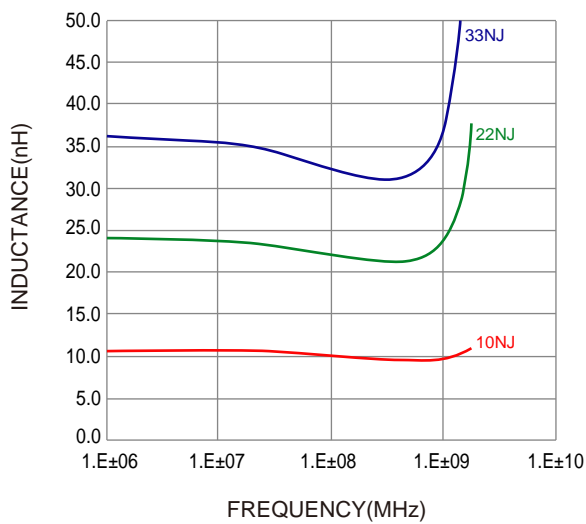
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MCI0201-27NJ	27	±5%	13	18	9	200	1.16	20	1800
MCI0201-33NJ	33	±5%	13	17	7	200	1.5	2.3	1500
MCI0201-39NJ	39	±5%	14	16	-	200	1.6	2.5	1400

Operating Temperature : -40 ~ +100°C

Temperature rise current: the actual value of DC current when the temperature rise is T20C

### Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



Temperature Rise VS. Frequency Characteristics:

