



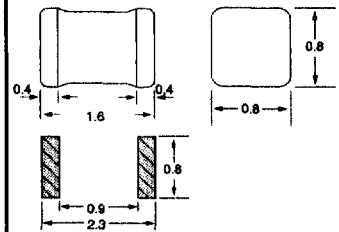
MODEL IMC 0603 Inductors Coated Case



Inductance	Reel 4"  250 pcs.	Bag  100 pcs.	Rated Current Max	DCR Ohms Max	Typical Q 1.8GHz	Self-Resonant Frequency MHz Min
1.5nH	IMC0603 1N5 RE4	IMC0603 1N5 B25	500mA	.07Ω	30	6000MHz
1.8nH	IMC0603 1N8 RE4	IMC0603 1N8 B25	500mA	.08Ω	30	6000MHz
2.2nH	IMC0603 2N2 RE4	IMC0603 2N2 B25	500mA	.09Ω	35	6000MHz
2.7nH	IMC0603 2N7 RE4	IMC0603 2N7 B25	500mA	.1Ω	40	6000MHz
3.3nH	IMC0603 3N3 RE4	IMC0603 3N3 B25	500mA	.12Ω	35	5500MHz
3.9nH	IMC0603 3N9 RE4	IMC0603 3N9 B25	450mA	.15Ω	40	5500MHz
4.7nH	IMC0603 4N7 RE4	IMC0603 4N7 B25	450mA	.17Ω	42	4800MHz
5.6nH	IMC0603 5N6 RE4	IMC0603 5N6 B25	430mA	.18Ω	40	4600MHz
6.8nH	IMC0603 6N8 RE4	IMC0603 6N8 B25	430mA	.20Ω	45	3550MHz
8.2nH	IMC0603 8N2 RE4	IMC0603 8N2 B25	400mA	.28Ω	45	3500MHz
10nH	IMC0603 R010 RE4	IMC0603 R010 B25	400mA	.32Ω	50	2800MHz
12nH	IMC0603 R012 RE4	IMC0603 R012 B25	400mA	.35Ω	40	2800MHz
15nH	IMC0603 R015 RE4	IMC0603 R015 B25	350mA	.41Ω	40	2500MHz
800MHz						
18nH	IMC0603 R018 RE4	IMC0603 R018 B25	350mA	.45Ω	35	2300MHz
22nH	IMC0603 R022 RE4	IMC0603 R022 B25	300mA	.50Ω	35	2000MHz
27nH	IMC0603 R027 RE4	IMC0603 R027 B25	300mA	.55Ω	35	2000MHz
33nH	IMC0603 R033 RE4	IMC0603 R033 B25	300mA	.60Ω	40	1800MHz
39nH	IMC0603 R039 RE4	IMC0603 R039 B25	300mA	.80Ω	40	1800MHz
47nH	IMC0603 R047 RE4	IMC0603 R047 B25	250mA	.95Ω	40	1800MHz
56nH	IMC0603 R056 RE4	IMC0603 R056 B25	250mA	1.2Ω	-	1800MHz
68nH	IMC0603 R068 RE4	IMC0603 R068 B25	250mA	1.3Ω	-	1500MHz
82nH	IMC0603 R082 RE4	IMC0603 R082 B25	250mA	1.5Ω	-	1500MHz
100nH	IMC0603 R10 RE4	IMC0603 R10 B25	200mA	1.8Ω	-	1300MHz

SPECIFICATIONS

Dimensions (mm):



Termination:

Metal Terminals with nickel-barrier

Core Material: Non-Magnetic

Case Material: Coated

Operating Temperature:
- 40°C to + 85°C

Inductance Tolerance:
1.5nH to 3.3nH ± 0.3nH
3.9nH up ± 5%

Test Equipment:

HP4191A Inductance & Q
HP8753B SRF

PART NUMBER SYSTEM

IMC0603

R022

J

RE4

Model

IMC0603

Inductance

Below 10nH:
"N" is decimal
followed by
significant digits.
Stated in nH

Above 10nH:
"R" is a decimal
followed by
significant digits.
Stated in μH

Tolerance

J = ± 5%
Blank = ± 0.3nH

Packaging

B25 = Bulk Bag
RE4 = 4" Reel



tabletop dispenser