

Multilayer Chip *CMG1206* Series



PART NUMBERING GUIDE

CMG1206 - K R56 TR

TOLERANCE _____

M=±20%
K=±10%

INDUCTANCE CODE _____

PACKAGING OPTIONS

Blank=Bulk,
TR= Tape and Reel
(3000pcs per reel)

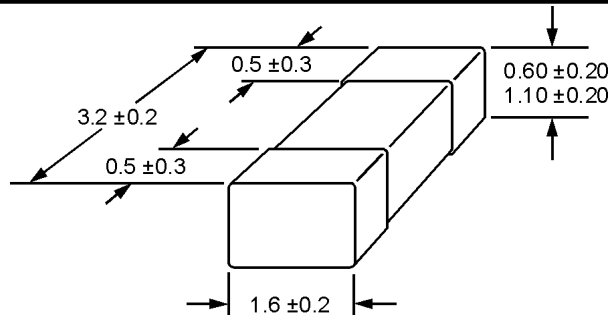
GENERAL SPECIFICATIONS

Inductance Range	0.047µH to 56µH
Tolerance	±20% or ±10%
Operating Temperature	-55°C to +125°C
Construction	Ferrite

SPECIFICATIONS BY INDUCTANCE VALUE

Inductance Code	L (µH)	Q MIN	L & Q Test Frequency (MHz)	SRF MIN (MHz)	DCR MAX (Ohms)	IDC MAX (mA)	Device Thickness (mm)
47N	0.047	20	50	320	0.15	300	0.60 ±0.20
68N	0.068	20	50	280	0.25	300	0.60 ±0.20
R10	0.10	20	50	235	0.25	250	0.60 ±0.20
R12	0.12	20	25	220	0.30	250	0.60 ±0.20
R15	0.15	20	25	200	0.30	250	0.60 ±0.20
R18	0.18	20	25	185	0.40	250	0.60 ±0.20
R22	0.22	20	25	170	0.40	250	0.60 ±0.20
R27	0.27	20	25	150	0.50	250	0.60 ±0.20
R33	0.33	20	25	145	0.60	250	0.60 ±0.20
R39	0.39	25	25	135	0.50	200	0.60 ±0.20
R47	0.47	25	25	125	0.60	200	0.60 ±0.20
R56	0.56	25	25	115	0.70	150	0.60 ±0.20
R68	0.68	25	25	105	0.80	150	0.60 ±0.20
R82	0.82	25	25	100	0.90	150	0.60 ±0.20
1R0	1.0	45	10	75	0.40	100	0.60 ±0.20
1R2	1.2	45	10	65	0.50	100	0.60 ±0.20
1R5	1.5	45	10	60	0.50	50	0.60 ±0.20
1R8	1.8	45	10	55	0.50	50	0.60 ±0.20
2R2	2.2	45	10	50	0.60	50	0.60 ±0.20
2R7	2.7	45	10	45	0.60	50	0.60 ±0.20
3R3	3.3	45	10	41	0.70	50	0.60 ±0.20
3R9	3.9	45	10	38	0.80	50	0.60 ±0.20
4R7	4.7	45	10	35	0.90	50	0.60 ±0.20
5R6	5.6	50	4	32	0.70	25	0.60 ±0.20
6R8	6.8	50	4	29	0.80	25	0.60 ±0.20
8R2	8.2	50	4	26	0.90	25	0.60 ±0.20
100	10	50	2	24	1.00	25	0.60 ±0.20
120	12	50	2	22	1.05	15	0.60 ±0.20
150	15	35	1	19	0.70	5	1.10 ±0.20
180	18	35	1	18	0.70	5	1.10 ±0.20
220	22	35	1	16	0.90	5	1.10 ±0.20
270	27	35	1	14	0.90	5	1.10 ±0.20
330	33	35	1	13	1.05	5	1.10 ±0.20
390	39	40	2	11	3.00	5	1.10 ±0.20
470	47	40	2	10	3.40	5	1.10 ±0.20
560	56	40	2	9.5	3.80	4	1.10 ±0.20

MECHANICAL DIMENSIONS



Dimensions in mm

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Specifications subject to change without notice. • Contact factory for latest revision • 9/02 • (NM62)