

Multilayer Chip *CMG0805* Series



PART NUMBERING GUIDE

CMG0805 - K R56 TR

TOLERANCE

M=±20%
K=±10%

PACKAGING OPTIONS

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

INDUCTANCE CODE

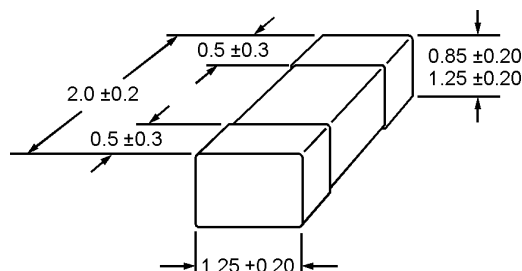
GENERAL SPECIFICATIONS

Inductance Range	0.047µH to 39µH
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	15	50	320	0.20	300	0.85 ±0.20
68N	0.068	15	50	280	0.20	300	0.85 ±0.20
82N	0.082	15	50	255	0.20	300	0.85 ±0.20
R10	0.10	20	25	235	0.30	250	0.85 ±0.20
R12	0.12	20	25	220	0.30	250	0.85 ±0.20
R15	0.15	20	25	200	0.40	250	0.85 ±0.20
R18	0.18	20	25	185	0.40	250	0.85 ±0.20
R22	0.22	20	25	170	0.50	250	0.85 ±0.20
R27	0.27	20	25	150	0.50	250	0.85 ±0.20
R33	0.33	20	25	145	0.55	250	0.85 ±0.20
R39	0.39	25	25	135	0.65	200	0.85 ±0.20
R47	0.47	25	25	125	0.65	200	0.85 ±0.20
R56	0.56	25	25	115	0.75	150	0.85 ±0.20
R68	0.68	25	25	105	0.80	150	0.85 ±0.20
R82	0.82	25	25	100	1.00	150	0.85 ±0.20
1R0	1.0	45	10	75	0.40	50	0.85 ±0.20
1R2	1.2	45	10	65	0.50	50	0.85 ±0.20
1R5	1.5	45	10	60	0.50	50	0.85 ±0.20
1R8	1.8	45	10	55	0.60	50	0.85 ±0.20
2R2	2.2	45	10	50	0.65	30	0.85 ±0.20
2R7	2.7	45	10	45	0.75	30	0.85 ±0.20
3R3	3.3	45	10	41	0.80	30	0.85 ±0.20
3R9	3.9	45	10	38	0.90	30	0.85 ±0.20
4R7	4.7	45	10	35	1.00	30	0.85 ±0.20
5R6	5.6	50	4	32	0.90	15	0.85 ±0.20
6R8	6.8	50	4	29	1.00	15	0.85 ±0.20
8R2	8.2	50	4	26	1.10	15	0.85 ±0.20
100	10	50	2	24	1.20	15	0.85 ±0.20
120	12	50	2	22	1.30	15	0.85 ±0.20
150	15	30	1	19	0.80	5	1.25 ±0.20
180	18	30	1	18	0.90	5	1.25 ±0.20
220	22	30	1	16	1.10	5	1.25 ±0.20
270	27	30	1	14	1.20	5	1.25 ±0.20
330	33	30	1	13	1.30	5	1.25 ±0.20
390	39	30	1	11	1.35	5	1.25 ±0.20

MECHANICAL DIMENSIONS



Dimensions in mm

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Specifications subject to change without notice. • Contact factory for latest revision • 9/02 • (NM63)