

Multilayer Chip *CMH0805A* Series



PART NUMBERING GUIDE

CMH0805A - J R22 TR

TOLERANCE
 S=±0.3nH, D=±0.5nH
 K=±10%, J=±5%

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

INDUCTANCE CODE

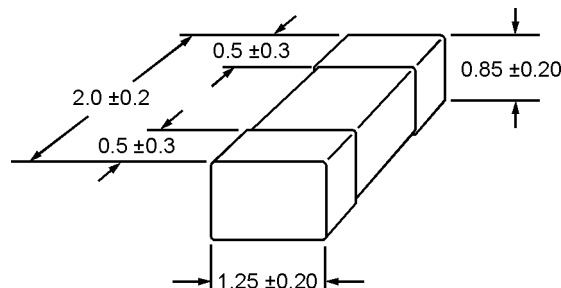
GENERAL SPECIFICATIONS

Inductance Range	1.5nH to 470nH
Tolerance	±0.3nH, ±0.5nH, ±10%, or ±5%
Operating Temperature	-40°C to +85°C
Test Frequency (L and Q)	100MHz from 1.5nH to 100nH, 50MHz from 120nH to 470nH
Construction	Ceramic

SPECIFICATIONS BY INDUCTANCE VALUE

Inductance Code	L (nH)	Available Tolerance	Q Min	Q Typical at Frequency (MHz)						SRF Min (MHz)	DCR Max (Ohms)	IDC Max (mA)
				100	300	500	800	1000	1800			
1N5	1.50	S	10	21	39	57	61	85	100	6000	0.10	600
1N8	1.80	S	10	18	35	49	55	85	100	6000	0.10	600
2N2	2.20	S	10	18	33	46	53	85	100	6000	0.10	600
2N7	2.70	S	12	19	36	50	56	76	100	6000	0.10	600
3N3	3.30	S	12	16	29	48	52	85	100	6000	0.13	600
3N9	3.90	S	12	18	33	49	55	85	100	5400	0.15	600
4N7	4.70	S	12	18	34	48	55	85	100	4500	0.20	400
5N6	5.60	D	15	20	38	51	60	78	95	4000	0.23	400
6N8	6.80	D	15	20	39	52	63	69	96	3800	0.25	400
8N2	8.20	D	15	21	40	54	63	70	96	3000	0.28	400
10N	10	K, J	15	20	38	51	60	71	72	2500	0.30	300
12N	12	K, J	15	21	39	52	60	67	52	2450	0.35	300
15N	15	K, J	15	22	42	55	63	72	56	2000	0.40	300
18N	18	K, J	15	24	44	57	63	72	28	1750	0.45	300
22N	22	K, J	18	23	43	55	60	69	28	1700	0.50	300
27N	27	K, J	18	23	42	53	58	68	14	1550	0.55	300
33N	33	K, J	18	24	43	54	55	60	6	1350	0.60	300
39N	39	K, J	18	23	41	50	47	47	-	1300	0.65	300
47N	47	K, J	18	23	41	49	43	41	-	1200	0.70	300
56N	56	K, J	18	23	42	48	39	38	-	1150	0.75	300
68N	68	K, J	18	25	42	45	30	-	-	1000	0.80	300
82N	82	K, J	18	24	41	41	-	-	-	850	0.90	300
R10	100	K, J	18	23	37	37	-	-	-	600	0.90	300
R12	120	K, J	13	22	33	29	-	-	-	500	0.95	300
R15	150	K, J	13	22	34	26	-	-	-	500	1.00	300
R18	180	K, J	13	23	34	20	-	-	-	400	1.10	300
R22	220	K, J	12	20	23	-	-	-	-	350	1.20	300
R27	270	K, J	12	20	19	-	-	-	-	300	1.30	200
R33	330	K, J	12	22	15	-	-	-	-	250	1.40	200
R39	390	K, J	10	19	12	-	-	-	-	250	1.30	200
R47	470	K, J	10	19	-	-	-	-	-	200	1.50	200

MECHANICAL DIMENSIONS



Dimensions in mm

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Specifications subject to change without notice. • Contact factory for latest revision • 9/02 • (NM61)