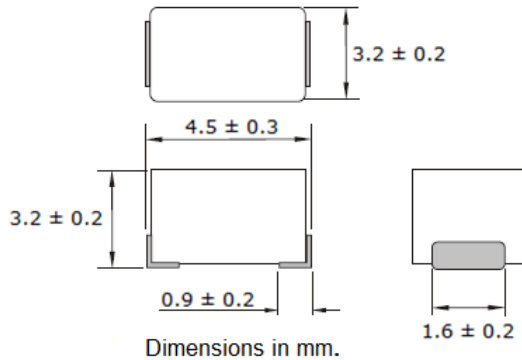


Wirewound Molded Chip Inductor



Notes for LCM1812RA wirewound molded chip inductor:

Operating Temperature Range from - 40°C to + 105°C.

Inductance Tolerance: M = ± 20%, K = ± 10%, tighter tolerances available by special order.

IDC Max: Determined when superimposed DC current is decreased 10% against its initial value.

L: HP4285A / Q: HP4342A / SRF: HP4191A.

DCR: QuadTech 1880 Milliohmmeter.

Packaging: Tape and Reel only, 500 pcs per reel.

Manufactured to current RoHS and REACH compliance.

Specifications subject to change without notice.

Part Number	L μ H	Tol %	Q Min	SRF MHz Min	DCR Max	IDC Max mA	Test Freq MHz
LCM1812RA-R10M-TR	0.10	± 20	35	300	0.18	800	25.2
LCM1812RA-R12M-TR	0.12	± 20	35	280	0.20	770	25.2
LCM1812RA-R15M-TR	0.15	± 20	35	250	0.22	730	25.2
LCM1812RA-R18M-TR	0.18	± 20	35	220	0.24	700	25.2
LCM1812RA-R22M-TR	0.22	± 20	40	200	0.25	665	25.2
LCM1812RA-R27M-TR	0.27	± 20	40	180	0.26	635	25.2
LCM1812RA-R33M-TR	0.33	± 20	40	165	0.28	605	25.2
LCM1812RA-R39M-TR	0.39	± 20	40	150	0.30	575	25.2
LCM1812RA-R47M-TR	0.47	± 20	40	145	0.32	545	25.2
LCM1812RA-R56M-TR	0.56	± 20	40	140	0.36	520	25.2
LCM1812RA-R68M-TR	0.68	± 20	40	135	0.40	500	25.2
LCM1812RA-R82M-TR	0.82	± 20	40	130	0.45	475	25.2
LCM1812RA-1R0K-TR	1.0	± 10	50	100	0.50	450	7.96
LCM1812RA-1R2K-TR	1.2	± 10	50	80	0.55	430	7.96
LCM1812RA-1R8K-TR	1.8	± 10	50	60	0.65	390	7.96
LCM1812RA-2R2K-TR	2.2	± 10	50	55	0.70	380	7.96
LCM1812RA-3R3K-TR	3.3	± 10	50	45	0.80	355	7.96
LCM1812RA-3R9K-TR	3.9	± 10	50	40	0.90	330	7.96
LCM1812RA-4R7K-TR	4.7	± 10	50	35	1.00	315	7.96
LCM1812RA-5R6K-TR	5.6	± 10	50	33	1.10	300	7.96
LCM1812RA-6R8K-TR	6.8	± 10	50	27	1.20	285	7.96
LCM1812RA-8R2K-TR	8.2	± 10	50	25	1.40	270	7.96
LCM1812RA-100K-TR	10	± 10	50	20	1.60	250	2.52
LCM1812RA-120K-TR	12	± 10	50	18	2.00	225	2.52
LCM1812RA-150K-TR	15	± 10	50	17	2.50	200	2.52
LCM1812RA-180K-TR	18	± 10	50	15	2.80	190	2.52
LCM1812RA-220K-TR	22	± 10	50	13	3.20	180	2.52
LCM1812RA-270K-TR	27	± 10	50	12	3.60	170	2.52
LCM1812RA-330K-TR	33	± 10	50	11	4.00	160	2.52
LCM1812RA-390K-TR	39	± 10	50	10	4.50	150	2.52
LCM1812RA-470K-TR	47	± 10	50	10	5.00	140	2.52
LCM1812RA-560K-TR	56	± 10	50	9.0	5.50	135	2.52
LCM1812RA-680K-TR	68	± 10	50	9.0	6.00	130	2.52
LCM1812RA-820K-TR	82	± 10	50	8.0	7.00	120	2.52
LCM1812RA-101K-TR	100	± 10	40	8.0	8.00	110	0.796
LCM1812RA-121K-TR	120	± 10	40	6.0	8.00	110	0.796
LCM1812RA-151K-TR	150	± 10	40	5.0	9.00	105	0.796
LCM1812RA-181K-TR	180	± 10	40	5.0	9.50	102	0.796
LCM1812RA-221K-TR	220	± 10	40	4.0	10.0	100	0.796
LCM1812RA-271K-TR	270	± 10	40	4.0	12.0	92	0.796
LCM1812RA-331K-TR	330	± 10	40	3.5	14.0	85	0.796
LCM1812RA-391K-TR	390	± 10	40	3.0	18.0	80	0.796
LCM1812RA-471K-TR	470	± 10	40	3.0	26.0	62	0.796
LCM1812RA-561K-TR	560	± 10	30	3.0	30.0	50	0.796
LCM1812RA-681K-TR	680	± 10	30	3.0	30.0	50	0.796
LCM1812RA-821K-TR	820	± 10	30	2.5	35.0	30	0.796
LCM1812RA-102K-TR	1000	± 10	20	2.5	40.0	30	0.252