



Notes for LCM4922 molded power inductor:  
 Operating Temperature Range: - 55°C to + 125°C.  
 Current Rating: At 85°C ambient, 40°C rise.  
 Incremental Current: The current at which the inductance will decrease by a maximum of 5% from its initial 0 DC reading.  
 Marking: Inductance value on top surface.

Inductance Tolerance: L = ± 15% tolerance from 0.22 µH to 1.0 µH, K = ± 10% from 1.2 µH to 22,000 µH.  
 Testing: Inductance measured on LCR meter, 1 KHz, 1 V, with no DC current.  
 Packaging: Tape & Reel, Reel Size = 800 pcs.  
 Manufactured to RoHS compliance.

Part number	Inductance [µH]	DC Resistance [Ω] Max.	Rated Current [Amps] Max.	Incremental Current [Amps]
LCM4922-R22L	0.22	0.0080	7.00	7.00
LCM4922-R27L	0.27	0.0085	6.75	6.75
LCM4922-R33L	0.33	0.0090	6.50	6.50
LCM4922-R39L	0.39	0.0095	6.25	6.25
LCM4922-R47L	0.47	0.0100	6.00	6.00
LCM4922-R56L	0.56	0.0105	5.80	5.80
LCM4922-R68L	0.68	0.0110	5.70	5.70
LCM4922-R82L	0.82	0.0120	5.60	5.60
LCM4922-1R0L	1.0	0.0130	5.50	5.50
LCM4922-1R2K	1.2	0.0180	4.69	4.69
LCM4922-1R5K	1.5	0.020	4.45	4.45
LCM4922-1R8K	1.8	0.021	4.34	4.34
LCM4922-2R2K	2.2	0.029	3.70	3.70
LCM4922-2R7K	2.7	0.034	3.41	3.41
LCM4922-3R3K	3.3	0.038	3.23	3.23
LCM4922-3R9K	3.9	0.042	3.07	3.07
LCM4922-4R7K	4.7	0.047	2.90	2.90
LCM4922-5R6K	5.6	0.051	2.79	2.79
LCM4922-6R8K	6.8	0.058	2.61	2.61
LCM4922-8R2K	8.2	0.063	2.51	2.51
LCM4922-100K	10	0.071	2.36	2.36
LCM4922-120K	12	0.079	2.24	2.24
LCM4922-150K	15	0.089	2.11	2.11
LCM4922-180K	18	0.119	1.82	1.82
LCM4922-220K	22	0.152	1.61	1.61
LCM4922-270K	27	0.179	1.48	1.48
LCM4922-330K	33	0.222	1.33	1.33
LCM4922-390K	39	0.315	1.12	1.12
LCM4922-470K	47	0.362	1.04	1.04
LCM4922-560K	56	0.397	1.00	1.00
LCM4922-680K	68	0.446	0.97	0.97
LCM4922-820K	82	0.604	0.81	0.81
LCM4922-101K	100	0.672	0.76	0.76
LCM4922-121K	120	0.735	0.73	0.73
LCM4922-151K	150	0.998	0.63	0.63
LCM4922-181K	180	1.370	0.53	0.53
LCM4922-221K	220	1.580	0.50	0.50
LCM4922-271K	270	1.770	0.47	0.47
LCM4922-331K	330	2.510	0.39	0.39
LCM4922-391K	390	2.730	0.38	0.38



Part number	Inductance [ $\mu$ H]	DC Resistance [ $\Omega$ ] Max.	Rated Current [Amps] Max.	Incremental Current [Amps]
LCM4922-471K	470	3.36	0.35	0.35
LCM4922-561K	560	3.75	0.33	0.33
LCM4922-681K	680	4.31	0.30	0.30
LCM4922-821K	820	6.04	0.26	0.26
LCM4922-102K	1000	6.90	0.24	0.24
LCM4922-122K	1200	10.0	0.200	0.200
LCM4922-152K	1500	12.5	0.178	0.178
LCM4922-182K	1800	16.0	0.157	0.157
LCM4922-222K	2200	20.0	0.141	0.141
LCM4922-272K	2700	23.0	0.131	0.131
LCM4922-332K	3300	25.0	0.126	0.126
LCM4922-392K	3900	33.0	0.110	0.110
LCM4922-472K	4700	37.0	0.103	0.103
LCM4922-562K	5600	40.0	0.100	0.100
LCM4922-682K	6800	62.0	0.080	0.080
LCM4922-822K	8200	66.0	0.077	0.077
LCM4922-103K	10,000	74.0	0.071	0.071
LCM4922-123K	12,000	93.0	0.065	0.065
LCM4922-153K	15,000	105.0	0.061	0.061
LCM4922-183K	18,000	143.0	0.052	0.052
LCM4922-223K	22,000	160.0	0.050	0.050