

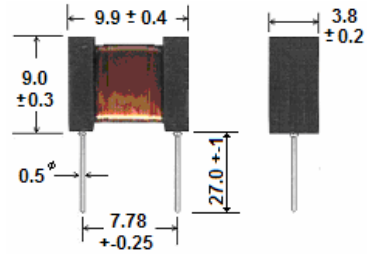
MTC3890-series are design low-cost, high Q, radial lead type inductors,

Inductance Tolerance: K : $\pm 10\%$

Operating Temperature : $-20^{\circ}\text{C}\sim+100^{\circ}\text{C}$

Inductance: 1. μH to 10mH

UL shrinks tubing are available by special order requested.



PART NUMBER	INDUCTANCE L (μH) $_{+10\%}$	Q min	DCR (Ω) max	Test Frequency (MHz)	Rate I (A)
MTC3890-1R0K-E	1.0	37	0.015	7.9	7.0
MTC3890-1R5K-E	1.5	35	0.014	7.9	5.0
MTC3890-1R8K-E	1.8	37	0.020	7.9	4.8
MTC3890-2R2K-E	2.2	38	0.025	7.9	4.4
MTC3890-2R7K-E	2.7	43	0.028	7.9	4.0
MTC3890-3R3K-E	3.3	35	0.036	7.9	3.7
MTC3890-3R9K-E	3.9	37	0.050	7.9	3.4
MTC3890-4R7K-E	4.7	37	0.053	7.9	3.2
MTC3890-5R0K-E	5.0	40	0.080	7.9	2.9
MTC3890-5R6K-E	5.6	38	0.092	7.9	2.8
MTC3890-6R8K-E	6.8	29	0.113	7.9	2.6
MTC3890-7R6K-E	7.6	30	0.113	7.9	2.5
MTC3890-8R2K-E	8.2	32	0.116	7.9	2.2
MTC3890-100K-E	10	80	0.190	7.9	2.1
MTC3890-120K-E	12	40	0.140	2.5	2.0
MTC3890-150K-E	15	40	0.158	2.5	1.6
MTC3890-180K-E	18	40	0.180	2.5	1.6
MTC3890-220K-E	22	40	0.230	2.5	1.4
MTC3890-270K-E	27	50	0.300	2.5	1.3
MTC3890-330K-E	33	45	0.346	2.5	1.2
MTC3890-390K-E	39	45	0.370	2.5	1.1
MTC3890-470K-E	47	45	0.500	2.5	1.03
MTC3890-560K-E	56	40	0.685	2.5	0.95
MTC3890-680K-E	68	40	0.805	2.5	0.90
MTC3890-820K-E	82	50	1.450	2.5	0.86
MTC3890-101K-E	100	80	1.150	2.5	0.70
MTC3890-121K-E	120	70	1.720	0.79	0.65
MTC3890-151K-E	150	70	1.850	0.79	0.60
MTC3890-181K-E	180	70	2.070	0.79	0.58
MTC3890-221K-E	220	50	2.100	0.79	0.49
MTC3890-251K-E	250	40	2.50	0.79	0.49
MTC3890-271K-E	270	40	2.70	0.79	0.45
MTC3890-331K-E	330	50	3.34	0.79	0.41
MTC3890-391K-E	390	45	3.45	0.79	0.39
MTC3890-471K-E	470	40	5.30	0.79	0.35
MTC3890-501K-E	500	35	5.35	0.79	0.34
MTC3890-561K-E	560	40	5.40	0.79	0.32
MTC3890-681K-E	680	45	5.93	0.79	0.29
MTC3890-751K-E	750	30	6.20	0.79	0.28
MTC3890-821K-E	820	70	6.33	0.79	0.27
MTC3890-102K-E	1000	70	8.60	0.79	0.21
MTC3890-122K-E	1200	70	10.00	0.25	0.21
MTC3890-152K-E	1500	62	14.25	0.25	0.19
MTC3890-182K-E	1800	62	15.75	0.25	0.17
MTC3890-222K-E	2200	60	17.70	0.25	0.15
MTC3890-252K-E	2500	60	18.00	0.25	0.14
MTC3890-272K-E	2700	60	19.10	0.25	0.14
MTC3890-332K-E	3300	50	21.74	0.25	0.13
MTC3890-392K-E	3900	50	26.00	0.25	0.12
MTC3890-472K-E	4700	50	28.90	0.25	0.11
MTC3890-602K-E	6000	35	31.00	0.25	0.10
MTC3890-752K-E	7500	25	50.00	0.25	0.08
MTC3890-103K-E	10000	25	70.00	0.25	0.07

Last code “-E” : lead-free process and Rosh compliant before 2006