

CT494LYF Series

From 1.0 μ H to 470 μ H



SPECIFICATIONS

Part numbers indicate available inductance tolerance.
K = $\pm 10\%$, M = $\pm 20\%$

Part Number	Inductance (μ H)	Q (Min.)	L, Q Test Freq. (MHz)	DCR Max. (Ω)	IDC (A)
CT494LYF-1R0M	1.0	20	7.96	0.021	6.0
CT494LYF-1R5M	1.5	20	7.96	0.023	5.3
CT494LYF-2R2M	2.2	20	7.96	0.026	4.4
CT494LYF-3R3M	3.3	20	7.96	0.03	3.8
CT494LYF-4R7M	4.7	20	7.96	0.034	3.2
CT494LYF-6R8M	6.8	20	7.96	0.037	2.8
CT494LYF-100K	10	50	2.52	0.044	2.3
CT494LYF-120K	12	50	2.52	0.049	2.1
CT494LYF-150K	15	50	2.52	0.054	2.0
CT494LYF-180K	18	40	2.52	0.058	1.8
CT494LYF-220K	22	40	2.52	0.065	1.6
CT494LYF-270K	27	40	2.52	0.072	1.5
CT494LYF-330K	33	30	2.52	0.08	1.4
CT494LYF-390K	39	30	2.52	0.091	1.3
CT494LYF-470K	47	30	2.52	0.101	1.2
CT494LYF-560K	56	30	2.52	0.145	1.0
CT494LYF-680K	68	30	2.52	0.161	0.95
CT494LYF-820K	82	30	2.52	0.174	0.91
CT494LYF-101K	100	20	0.796	0.221	0.79
CT494LYF-121K	120	20	0.796	0.254	0.71
CT494LYF-151K	150	20	0.796	0.294	0.64
CT494LYF-181K	180	20	0.796	0.451	0.56
CT494LYF-221K	220	20	0.796	0.509	0.51
CT494LYF-271K	270	20	0.796	0.579	0.47
CT494LYF-331K	330	20	0.796	0.657	0.43
CT494LYF-391K	390	20	0.796	0.742	0.40
CT494LYF-471K	470	20	0.796	0.836	0.36

CHARACTERISTICS

Description: Radial leaded fixed inductor.

Applications: Ideal as a choke for noise filtering applications.

Operating Temperature: -30°C to +105°C

IDC: The rated DC current is that which the inductance value decreases by 10% and is not the fusing point.

Inductance Tolerance: $\pm 10\%$, $\pm 20\%$

Packaging: Bulk pack.

Miscellaneous: **RoHS Compliant.**

Additional Information: Additional electrical & physical information available upon request.

Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

Size	A	B	C	D
	Max.	Max.		
mm	10.0	10.0	5.00 \pm 1.0	5.00 \pm 0.50
inches	0.394	0.394	0.197 \pm 0.039	0.197 \pm 0.020

