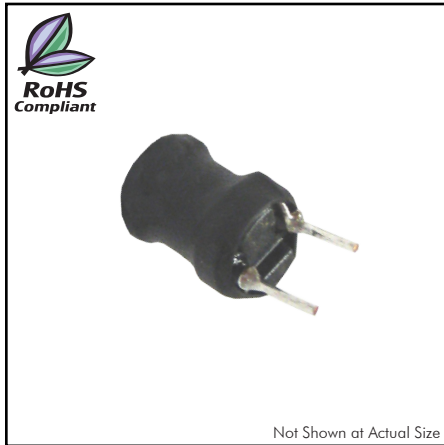


## CT622LYF Series

From 1.0 $\mu$ H to 4,700 $\mu$ H



### CHARACTERISTICS

**Description:** Radial leaded fixed inductor (UL sleeved)  
**Applications:** Ideal as a choke coil for noise filtering and DC/DC converter applications. General applications  
**Operating Temperature:** -55°C to +125°C  
**Temperature Coefficient:** 440ppm/ °C max.  
**Inductance Tolerance:**  $\pm$ 5%,  $\pm$ 10%,  $\pm$ 20%  
**Testing:** Inductance and Q are tested on an HP4285A at specified frequency  
**Packaging:** Bulk pack  
**Miscellaneous:** RoHS Compliant  
**Additional Information:** Additional electrical & physical information available upon request  
**Samples available. See website for ordering information**

### SPECIFICATIONS

Please specify tolerance code when ordering.  
 CT622LYF-1R0 ← J =  $\pm$ 5%, K =  $\pm$ 10%, M =  $\pm$ 20%

Part Number	Inductance ( $\mu$ H)	L Test Freq. (MHz)	Q Fact. Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. ( $\Omega$ )	Rated DC (A)
CT622LYF-1R0	1.0	7.96	20	7.96	150	.01	10.0
CT622LYF-1R5	1.5	7.96	20	7.96	130	.01	8.5
CT622LYF-2R2	2.2	7.96	20	7.96	100	.02	6.5
CT622LYF-3R3	3.3	7.96	20	7.96	79	.02	5.5
CT622LYF-4R7	4.7	7.96	20	7.96	51	.03	4.3
CT622LYF-6R8	6.8	2.52	20	2.52	29	.03	3.7
CT622LYF-100	10	2.52	50	2.52	14	.04	3.0
CT622LYF-120	12	2.52	50	2.52	13	.05	2.6
CT622LYF-150	15	2.52	40	2.52	12	.05	2.3
CT622LYF-180	18	2.52	40	2.52	11	.06	2.2
CT622LYF-220	22	2.52	40	2.52	9.2	.07	2.0
CT622LYF-270	27	2.52	30	2.52	8.5	.08	1.7
CT622LYF-330	33	2.52	30	2.52	7.8	.09	1.6
CT622LYF-390	39	2.52	30	2.52	6.9	.10	1.5
CT622LYF-470	47	2.52	30	2.52	6.5	.16	1.4
CT622LYF-560	56	2.52	30	2.52	5.4	.18	1.3
CT622LYF-680	68	2.52	30	2.52	4.9	.21	1.2
CT622LYF-820	82	2.52	30	2.52	4.1	.23	1.1
CT622LYF-101	100	.796	20	.796	3.7	.28	.91
CT622LYF-121	120	.796	20	.796	3.4	.32	.84
CT622LYF-151	150	.796	20	.796	3.2	.37	.74
CT622LYF-181	180	.796	20	.796	2.8	.58	.69
CT622LYF-221	220	.796	20	.796	2.7	.65	.64
CT622LYF-271	270	.796	20	.796	2.4	.75	.57
CT622LYF-331	330	.796	20	.796	2.3	.85	.54
CT622LYF-391	390	.796	20	.796	2.1	1.0	.48
CT622LYF-471	470	.796	20	.796	1.9	1.1	.46
CT622LYF-561	560	.796	20	.796	1.8	1.4	.41
CT622LYF-681	680	.796	20	.796	1.6	1.6	.38
CT622LYF-821	820	.796	20	.796	1.5	1.8	.35
CT622LYF-102	1000	.252	50	.252	1.3	2.9	.29
CT622LYF-122	1200	.252	50	.252	1.1	4.0	.13
CT622LYF-152	1500	.252	20	.252	1.0	6.1	.08
CT622LYF-182	1800	.252	20	.252	1.0	6.4	.08
CT622LYF-222	2200	.252	20	.252	0.9	6.8	.08
CT622LYF-272	2700	.252	20	.252	0.9	7.7	.08
CT622LYF-332	3300	.252	20	.252	0.7	9.0	.08
CT622LYF-392	3900	.252	20	.252	0.6	14.0	.08
CT622LYF-472	4700	.252	20	.252	0.5	16.0	.05

### PHYSICAL DIMENSIONS

Size	A	B	C	D	22 AWG
	Max.	Max.	Nom.	Nom.	
mm	11	8.5	5	5	0.643
inches	0.43	0.34	0.2	0.2	0.03

