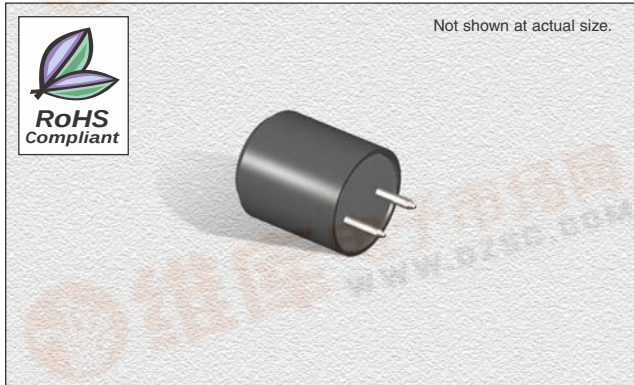


查询"CT181LYF-153"供应商

CT181LYF Series

From 1.0 mH to 120 mH



CHARACTERISTICS

Description: Radial leaded (shielded) fixed inductor

Applications: Ideal as a choke coil for noise filtering. Suitable for use in audio processing circuit for low, high and bandpass filtering

Operating Temperature: -20°C to +125°C

Inductance Tolerance: $\pm 5\%$, $\pm 10\%$

Testing: Inductance and Q are tested on an HP4284A at 1.0 kHz

Packaging: Bulk pack; packaged in styrofoam

Marking: Marked with inductance on top of part

Miscellaneous: RoHS Compliant. Magnetically shielded

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

SPECIFICATIONS

Please specify tolerance code when ordering.

CT181LYF-102 $\leftarrow$ J = $\pm 5\%$, K = $\pm 10\%$

* The rated DC current is that which the inductance value decrease 10% by the excitation DC current, measured at 1kHz by universal bridge or equivalent.

Part Number	Inductance (mH)	L Test Freq. (kHz)	Q Fact. Min.	Q Test Freq. (kHz)	SRF Min. (MHz)	DCR Max. (Ω)	*Rated DC (mA)
CT181LYF-102	1.0	1.0	70	50	.77	3.4	90
CT181LYF-122	1.2	1.0	70	50	.70	3.7	75
CT181LYF-152	1.5	1.0	70	50	.64	4.0	70
CT181LYF-182	1.8	1.0	70	50	.57	4.5	65
CT181LYF-222	2.2	1.0	70	50	.51	5.2	60
CT181LYF-272	2.7	1.0	100	50	.48	5.8	55
CT181LYF-332	3.3	1.0	100	50	.44	6.1	50
CT181LYF-392	3.9	1.0	100	50	.41	7.2	45
CT181LYF-472	4.7	1.0	100	50	.38	7.5	40
CT181LYF-562	5.6	1.0	100	50	.35	8.4	40
CT181LYF-682	6.8	1.0	100	50	.32	9.7	35
CT181LYF-822	8.2	1.0	100	50	.28	10	30
CT181LYF-103	10	1.0	100	50	.25	12	25
CT181LYF-123	12	1.0	100	50	.22	13	25
CT181LYF-153	15	1.0	100	50	.22	15	20
CT181LYF-183	18	1.0	100	50	.19	17	22
CT181LYF-223	22	1.0	100	50	.19	19	21
CT181LYF-273	27	1.0	100	50	.16	22	18
CT181LYF-333	33	1.0	100	50	.16	26	17
CT181LYF-363	36	1.0	100	50	.20	27	16
CT181LYF-393	39	1.0	100	50	.12	45	15
CT181LYF-473	47	1.0	100	50	.12	52	13
CT181LYF-563	56	1.0	100	50	.12	58	12
CT181LYF-683	68	1.0	100	50	.09	67	11
CT181LYF-823	82	1.0	100	50	.09	71	10
CT181LYF-104	100	1.0	100	50	.09	82	9
CT181LYF-124	120	1.0	100	50	.08	97	8

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Nom.	D Nom.	E Nom.
mm	14	10.8	4	5	0.7
inches	0.55	0.43	0.16	0.2	0.028

