

CT915AYF Series From 1.1 μH to 100 μH



CHARACTERISTICS

Description: SMD (shielded) power inductor.

Applications: Cellular phones, smart phones, MP3 players, PDA, Palmtop, wireless handhelds, LCD Televisions, DC/DC converters, etc.

Operating Temperature: -25°C to +85°C

Inductance Tolerance: $\pm 20\%$ and $\pm 30\%$

Testing: Tested on a HP4285A at 100KHz, 0.1Vrms.

Packaging: Tape & Reel.

Marking: Parts are marked with inductance code.

Miscellaneous: **RoHS Compliant.**

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

Samples available. See website for ordering information.

SPECIFICATIONS

Part numbers indicate available tolerance.

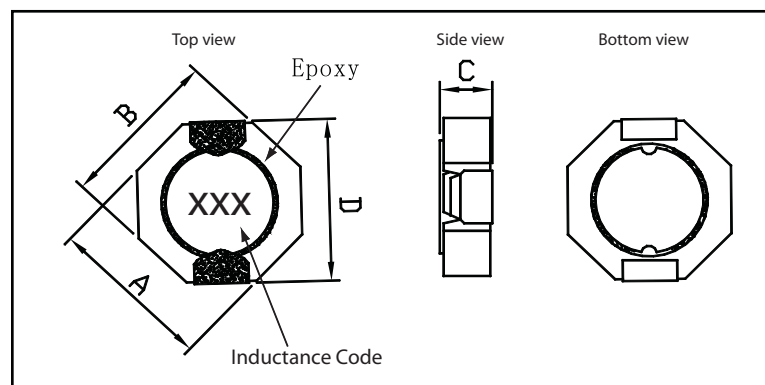
M = $\pm 20\%$, N = $\pm 30\%$

*Inductance drops no more than 30% of initial value at Isat.

Part Number	Inductance (μH)	L Test Freq. (KHz)	DCR Max. (Ω)	*Isat (A)
CT915AYF-1R1N	1.1	100	0.020	3.87
CT915AYF-2R0N	2.0	100	0.027	2.92
CT915AYF-3R3N	3.3	100	0.034	2.36
CT915AYF-4R7N	4.7	100	0.045	1.87
CT915AYF-6R8M	6.8	100	0.068	1.51
CT915AYF-100M	10	100	0.090	1.33
CT915AYF-150M	15	100	0.142	1.05
CT915AYF-220M	22	100	0.208	0.86
CT915AYF-330M	33	100	0.257	0.72
CT915AYF-470M	47	100	0.352	0.62
CT915AYF-680M	68	100	0.525	0.51
CT915AYF-101M	100	100	0.801	0.43

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D Max.
mm	5.3	5.3	3.0	5.72
inches	0.209	0.209	0.118	0.225



PAD LAYOUT

Unit: mm

