

## CT915AYF Series

From 1.1  $\mu$ H to 100  $\mu$ H



### 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.

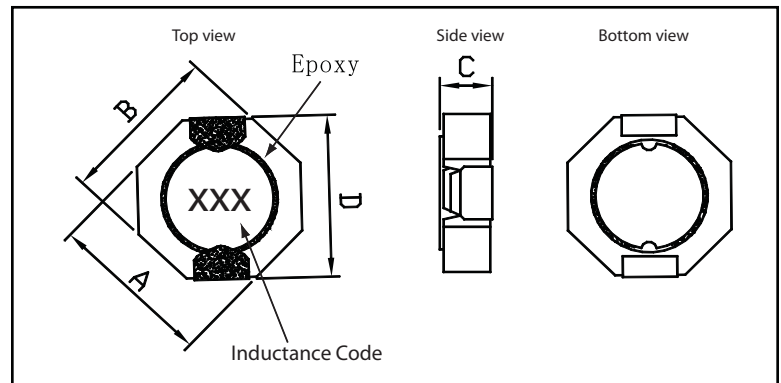
M =  $\pm 20\%$ , N =  $\pm 30\%$

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

Part Number	Inductance ( $\mu$ H)	L Test Freq. (KHz)	DCR Max. ( $\Omega$ )	*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

