

## CT914BYF Series

From 1.2  $\mu$ H to 100  $\mu$ H



### CHARACTERISTICS

- Description:** SMD (shielded) power inductor.
- Applications:** Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.
- Operating Temperature:** -40°C to +85°C
- Inductance Tolerance:**  $\pm 20\%$
- Testing:** Tested on a HP4285A at 100KHz.
- 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.**

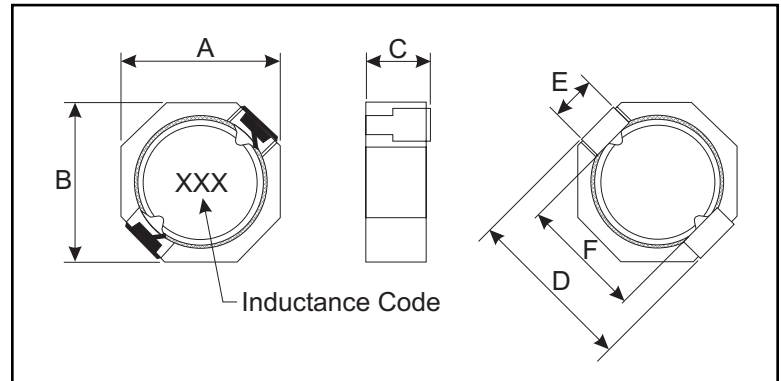
### SPECIFICATIONS

Parts are available in  $\pm 20$  inductance tolerance only.  
 \*The IDC is that which causes a 30% inductance reduction from the initial value.

Part Number	Inductance ( $\mu$ H $\pm 20\%$ )	L Test Freq. (KHz)	DCR Typ. ( $\Omega$ )	IDC* (A)
CT914BYF-1R2M	1.2	100	0.044	2.15
CT914BYF-2R2M	2.2	100	0.059	1.63
CT914BYF-3R5M	3.5	100	0.073	1.34
CT914BYF-4R7M	4.7	100	0.087	1.14
CT914BYF-6R8M	6.8	100	0.105	0.95
CT914BYF-100M	10	100	0.150	0.76
CT914BYF-150M	15	100	0.210	0.63
CT914BYF-220M	22	100	0.275	0.56
CT914BYF-270M	27	100	0.375	0.50
CT914BYF-330M	33	100	0.445	0.44
CT914BYF-470M	47	100	0.730	0.36
CT914BYF-680M	68	100	0.935	0.30
CT914BYF-101M	100	100	1.500	0.23

### PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
	Max.	Max.	Max.			
mm	5.3	5.3	2.0	5.7 $\pm$ 0.4	1.6	4.2
inches	0.21	0.21	0.079	0.22 $\pm$ 0.016	0.06	0.16



### PAD LAYOUT

