

CT914BYF Series From 1.2 μ H to 100 μ 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

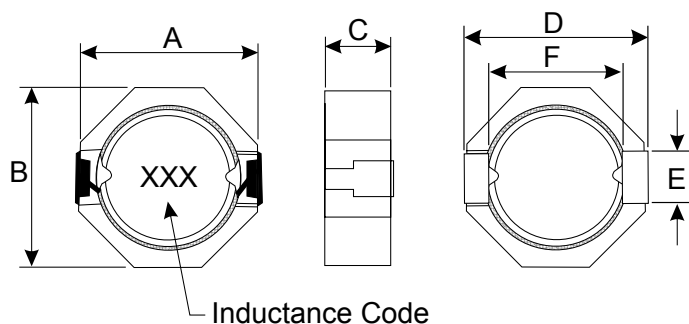
Parts are available in ± 20 inductance tolerance only.

*The IDC is that which causes a 30% inductance reduction from the initial value.

Part Number	Inductance (μ H $\pm 20\%$)	L Test Freq. (KHz)	DCR Typ. (Ω)	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 ± 0.4	1.6	4.2
inches	0.21	0.21	0.079	0.22 ± 0.016	0.06	0.16



PAD LAYOUT

Unit: mm

