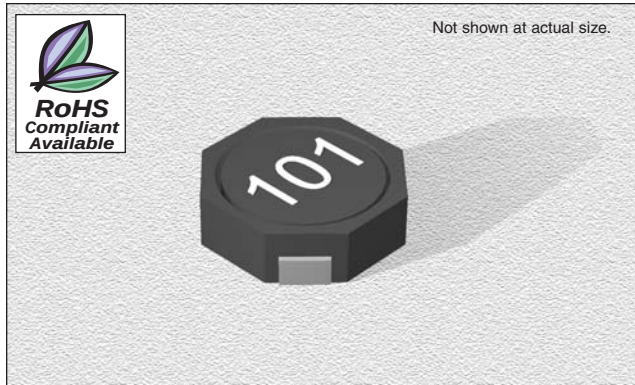


CT914BY Series

From 1.2 μH to 100 μH



SPECIFICATIONS

Parts are available in $\pm 20\%$ tolerance only.

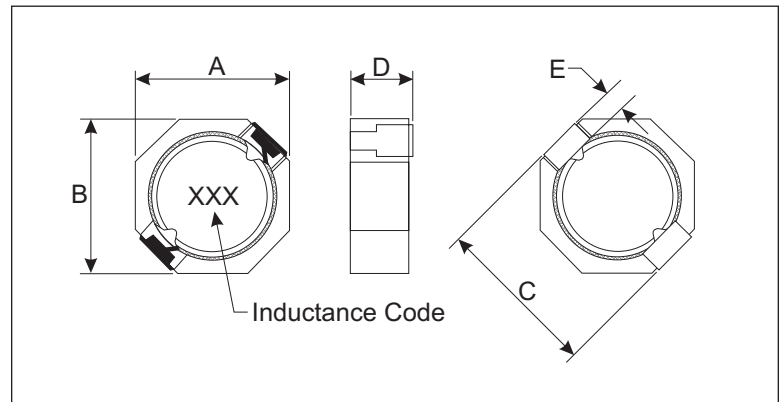
*The IDC is that which causes a 30% inductance reduction from the initial value.

CT914BYE Please specify "F" for RoHS Compliant

Part Number	Inductance ($\mu\text{H} \pm 20\%$)	L Test Freq. (kHz)	DCR Typ. (Ω)	IDC* (A)
CT914BY_-1R2M	1.2	100	0.0279	2.33
CT914BY_-2R2M	2.2	100	0.0385	1.98
CT914BY_-3R5M	3.5	100	0.0503	1.73
CT914BY_-4R7M	4.7	100	0.0568	1.63
CT914BY_-6R8M	6.8	100	0.0777	1.39
CT914BY_-100M	10	100	0.1215	1.11
CT914BY_-150M	15	100	0.1618	0.97
CT914BY_-220M	22	100	0.2042	0.86
CT914BY_-270M	27	100	0.2864	0.73
CT914BY_-330M	33	100	0.3074	0.70
CT914BY_-470M	47	100	0.4465	0.58
CT914BY_-680M	68	100	0.6829	0.47
CT914BY_-101M	100	100	1.0000	0.39

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D Max.	E Ref.
mm	5.2	5.2	5.6	2.0	0.6
inches	0.205	0.205	0.220	0.079	0.024



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 $+85^{\circ}\text{C}$

Inductance Tolerance: $\pm 20\%$

Testing: Tested on a HP4285A at 100 KHz

Packaging: Tape & Reel

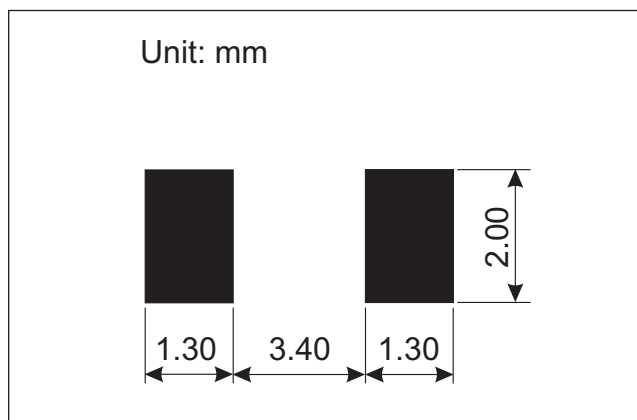
Marking: Parts are marked with inductance code

Miscellaneous: RoHS Compliant available

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



01.14.05