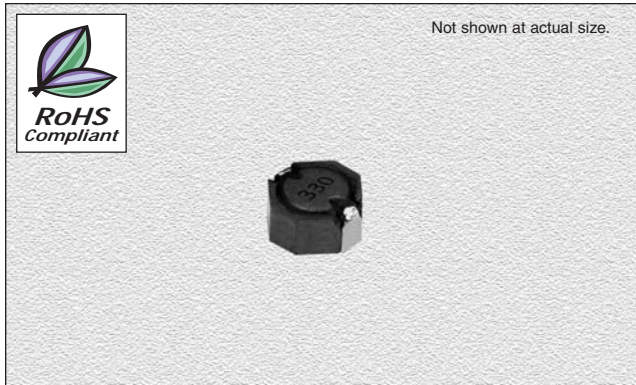


CT915AYF Series

From 1.1 μH to 100 μH

SPECIFICATIONS

Parts are available in $\pm 20\%$ tolerance only.
 *Inductance drops no more than 30% of initial value at Isat.



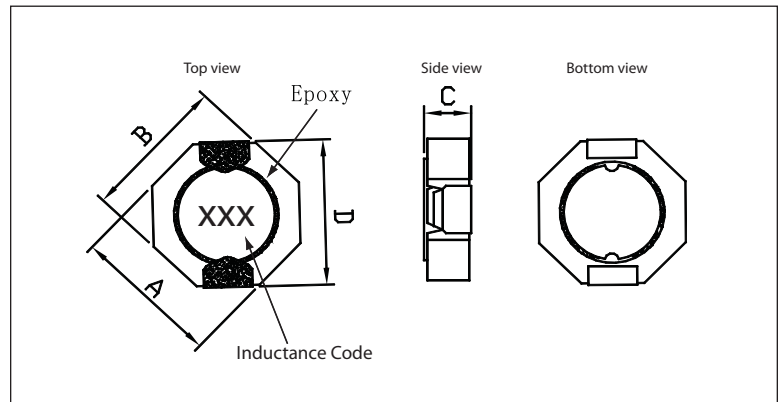
Part Number	Inductance ($\mu\text{H} \pm 20\%$)	L Test Freq. (kHz)	DCR Max. (Ω)	Isat* (A)
CT915AYF-1R1M	1.1	100	0.020	4.80
CT915AYF-2R0M	2.0	100	0.027	3.30
CT915AYF-3R3M	3.3	100	0.034	2.60
CT915AYF-4R7M	4.7	100	0.045	2.10
CT915AYF-6R8M	6.8	100	0.068	1.85
CT915AYF-100M	10	100	0.090	1.40
CT915AYF-150M	15	100	0.142	1.10
CT915AYF-220M	22	100	0.208	0.94
CT915AYF-330M	33	100	0.257	0.76
CT915AYF-470M	47	100	0.352	0.64
CT915AYF-680M	68	100	0.525	0.58
CT915AYF-101M	100	100	0.801	0.45

PHYSICAL DIMENSIONS

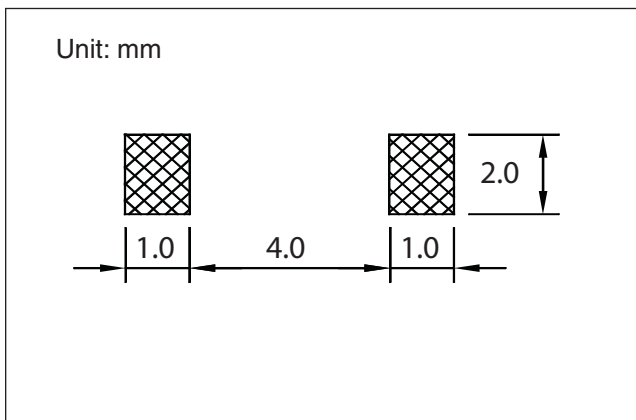
Size	A Max.	B Max.	C Max.	D Max.
mm	5.2	5.2	3.0	5.72
inches	0.205	0.205	0.118	0.225

CHARACTERISTICS

- Description:** SMD (shielded) power inductor
- Applications:** Cellular phones, smart phones, MP3 players, PDA, Palmtop, wireless handhelds, LDC televisions, DC/DC converters, etc.
- Operating Temperature:** -25°C to $+85^{\circ}\text{C}$
- Inductance Tolerance:** $\pm 20\%$
- Testing:** Tested on a HP4285A at 100 KHz, 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.**



PAD LAYOUT



08.17.09