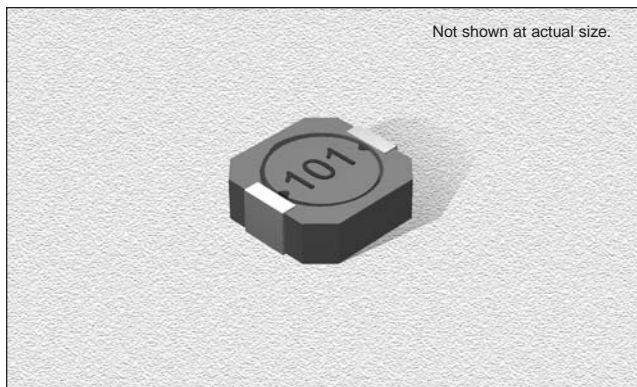


CT920CY Series

From 1.0 μH to 100 μH



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 100 KHz , 0.1V

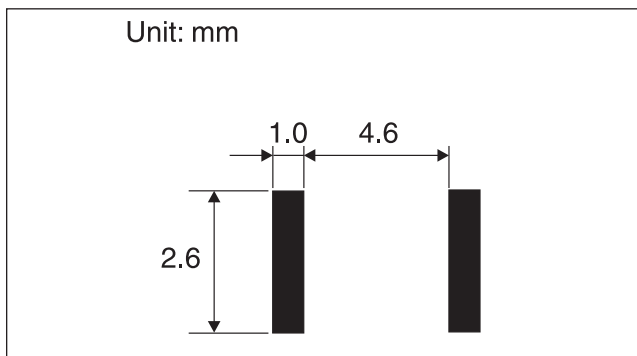
Packaging: Tape & Reel

Marking: Parts are marked with inductance code

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



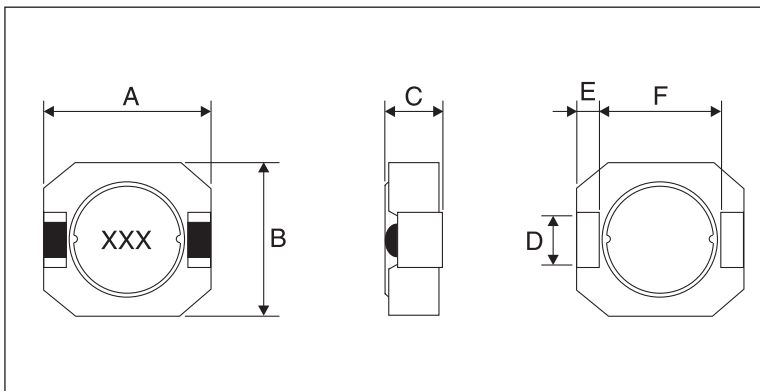
SPECIFICATIONS

Parts are available in $\pm 20\%$ tolerance only.
* Inductance drop = 30% typ. at IDC

Part Number	Inductance ($\mu\text{H} \pm 20\%$)	L Test Freq. (kHz)	DCR ($\Omega \pm 20\%$)	IDC * Max. (A)
CT920CY-1R0M	1.0	100	0.018	3.48
CT920CY-1R5M	1.5	100	0.024	2.83
CT920CY-2R0M	2.0	100	0.027	2.44
CT920CY-3R3M	3.3	100	0.038	1.89
CT920CY-4R3M	4.3	100	0.045	1.65
CT920CY-6R2M	6.2	100	0.050	1.37
CT920CY-100M	10	100	0.076	1.07
CT920CY-120M	12	100	0.095	0.97
CT920CY-150M	15	100	0.125	0.87
CT920CY-180M	18	100	0.140	0.79
CT920CY-220M	22	100	0.160	0.71
CT920CY-270M	27	100	0.185	0.64
CT920CY-330M	33	100	0.230	0.58
CT920CY-390M	39	100	0.280	0.53
CT920CY-470M	47	100	0.325	0.48
CT920CY-560M	56	100	0.370	0.44
CT920CY-680M	68	100	0.465	0.40
CT920CY-820M	82	100	0.520	0.36
CT920CY-101M	100	100	0.670	0.33

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E	F
mm	6.3	6.2	2.5	2.0 \pm 0.2	0.6 \pm 0.2	4.8 \pm 0.2
inches	0.25	0.24	0.10	0.08 \pm 0.01	0.02 \pm 0.01	0.19 \pm 0.01



06.05.02

Manufacturer of Inductors, Chokes, Coils, Beads, Transformers & Toroids

800-684-5322 Inside US 949-453-1811 Outside US

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CT Magnetics reserves the right to make improvements or change specifications without notice

