

## CT921CYF Series

From 1.0µH to 150µH



### CHARACTERISTICS

**Description:** SMD (shielded) power inductor  
**Applications:** Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc  
**Operating Temperature:** -40°C to +85°C  
**Inductance Tolerance:** ±20%  
**Testing:** Tested on an HP4285A at 100 KHz, 0.1V  
**Packaging:** Tape and reel  
**Marking:** Parts are marked with inductance code  
**Miscellaneous:** RoHS Compliant.  
**Additional Information:** Additional electrical and physical information available upon request  
**Samples available. See website for ordering information.**

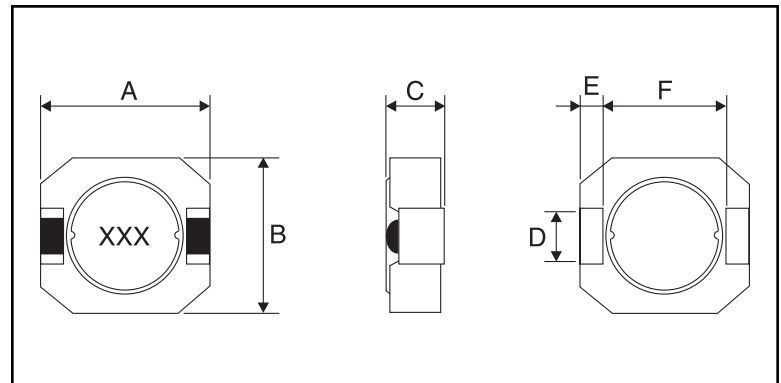
### SPECIFICATIONS

Part numbers indicate inductance tolerance available.  
 N = ±30%, M = ±20%  
 \*Inductance drop = 30% typ. at IDC

Part Number	Inductance (µH)	L Test Freq. (kHz)	DCR (Ω ±20%)	*IDC Max. (A)
CT921CYF-1R0N	1.0	100	0.017	3.59
CT921CYF-1R5N	1.5	100	0.019	2.93
CT921CYF-2R2N	2.2	100	0.024	2.42
CT921CYF-3R6N	3.6	100	0.030	1.89
CT921CYF-4R7N	4.7	100	0.036	1.66
CT921CYF-6R2N	6.2	100	0.042	1.45
CT921CYF-100M	10	100	0.050	1.14
CT921CYF-120M	12	100	0.060	1.04
CT921CYF-150M	15	100	0.080	0.93
CT921CYF-180M	18	100	0.086	0.85
CT921CYF-220M	22	100	0.110	0.77
CT921CYF-270M	27	100	0.130	0.70
CT921CYF-330M	33	100	0.150	0.63
CT921CYF-390M	39	100	0.165	0.58
CT921CYF-470M	47	100	0.215	0.53
CT921CYF-560M	56	100	0.250	0.48
CT921CYF-680M	68	100	0.300	0.44
CT921CYF-820M	82	100	0.375	0.40
CT921CYF-101M	100	100	0.470	0.36
CT921CYF-151M	150	100	0.650	0.31

### PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E	F
mm	6.3	6.2	3.0	2.0±0.2	0.6±0.2	4.8±0.2
inches	0.25	0.24	0.12	0.08±0.01	0.02±0.01	0.19±0.01



### PAD LAYOUT

