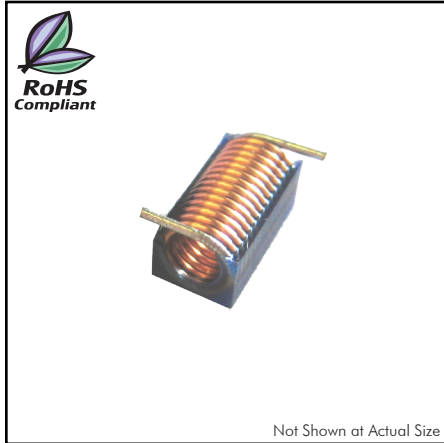


## CT132SMF Series From 90nH to 538nH



### CHARACTERISTICS

**Description:** SMD air core inductor  
**Applications:** Pagers, Cordless phones, High frequency communication products, Intercom, CATV  
**Inductance Tolerance:**  $\pm 5\%$   
**Testing:** Inductance is tested on an HP4287A at 50MHz  
**Operating Temperature:**  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$   
**Packaging:** Tape & Reel.  
**Miscellaneous:** **RoHS Compliant.**  
**Additional Information:** Additional electrical & physical information available upon request  
**Samples available. See website for ordering information.**

### SPECIFICATIONS

Parts are only available in  $\pm 5\%$  inductance tolerance.

Part Number	Turns	Inductance (nH)	Q Min.	Test Freq. (MHz)	SRF Min. (GHz)	DCR Typ. (m $\Omega$ )	IDC Max. (A)
CT132SMF-09TJ	9	90	100	50	>1.0	8.20	3.5
CT132SMF-10TJ	10	111	100	50	>1.0	9.30	3.5
CT132SMF-11TJ	11	130	100	50	>0.9	10.5	3.4
CT132SMF-12TJ	12	169	100	50	>0.8	11.7	3.4
CT132SMF-13TJ	13	206	100	50	>0.7	10.1	3.8
CT132SMF-14TJ	14	222	100	50	>0.6	13.6	3.3
CT132SMF-15TJ	15	246	100	50	>0.6	16.6	3.2
CT132SMF-16TJ	16	307	100	50	>0.5	21.5	3.0
CT132SMF-17TJ	17	380	100	50	>0.5	24.5	2.8
CT132SMF-18TJ	18	422	100	50	>0.4	38.4	2.2
CT132SMF-19TJ	19	491	100	50	>0.4	39.4	2.1
CT132SMF-20TJ	20	538	100	50	>0.4	41.6	2.0

### PHYSICAL DIMENSIONS

Size	A	B	C	D	E
Max.					
mm	9.0	4.4 $\pm$ 0.3	4.6 $\pm$ 0.4	8.0 $\pm$ 0.5	1.3 $\pm$ 0.4
inches	0.354	0.173 $\pm$ 0.012	0.181 $\pm$ 0.016	0.315 $\pm$ 0.020	0.051 $\pm$ 0.016

