

## CTR1330F Series

From 1.2 $\mu$ H to 1,000 $\mu$ H



### SPECIFICATIONS

Parts are available in  $\pm 10\%$  inductance tolerance only.

Part Number	Inductance ( $\mu$ H)	Test Freq. (MHz)	Q Min.	SRF Min. (MHz)	DCR Max. ( $\Omega$ )	Rated DC Current (mA)
CTR1330F-1R2K	1.2	7.9MHz	25	150	0.18	590
CTR1330F-1R5K	1.5	7.9MHz	28	140	0.22	535
CTR1330F-1R8K	1.8	7.9MHz	30	125	0.30	455
CTR1330F-2R2K	2.2	7.9MHz	30	115	0.40	395
CTR1330F-2R7K	2.7	7.9MHz	37	100	0.55	355
CTR1330F-3R3K	3.3	7.9MHz	45	90	0.85	270
CTR1330F-3R9K	3.9	7.9MHz	45	80	1.00	250
CTR1330F-4R7K	4.7	7.9MHz	45	75	1.20	230
CTR1330F-5R6K	5.6	7.9MHz	50	65	1.80	185
CTR1330F-6R8K	6.8	7.9MHz	50	60	2.00	175
CTR1330F-8R2K	8.2	7.9MHz	55	55	2.70	155
CTR1330F-100K	10	7.9MHz	55	50	3.70	130
CTR1330F-120K	12	2.5MHz	45	40	2.70	155
CTR1330F-150K	15	2.5MHz	40	35	2.80	150
CTR1330F-180K	18	2.5MHz	50	30	3.10	145
CTR1330F-220K	22	2.5MHz	50	25	3.30	140
CTR1330F-270K	27	2.5MHz	50	20	3.5	135
CTR1330F-330K	33	2.5MHz	45	24	3.4	130
CTR1330F-390K	39	2.5MHz	45	22	3.6	125
CTR1330F-470K	47	2.5MHz	45	20	4.5	110
CTR1330F-560K	56	2.5MHz	45	18	5.7	100
CTR1330F-680K	68	2.5MHz	50	15	6.7	92
CTR1330F-820K	82	2.5MHz	50	14	7.3	88
CTR1330F-101K	100	2.5MHz	50	13	8	84
CTR1330F-121K	120	0.79MHz	30	12	13	66
CTR1330F-151K	150	0.79MHz	30	11	15	61
CTR1330F-181K	180	0.79MHz	30	10	17	57
CTR1330F-221K	220	0.79MHz	30	9	21	52
CTR1330F-271K	270	0.79MHz	30	8	25	47
CTR1330F-331K	330	0.79MHz	30	7.0	28	45
CTR1330F-391K	390	0.79MHz	30	6.5	35	40
CTR1330F-471K	470	0.79MHz	30	6.0	42	36
CTR1330F-561K	560	0.79MHz	30	5.0	46	35
CTR1330F-681K	680	0.79MHz	30	4.0	60	30
CTR1330F-821K	820	0.79MHz	30	3.8	65	29
CTR1330F-102K	1000	0.79MHz	30	3.4	72	28

### CHARACTERISTICS

- Description:** SMD molded inductors
  - Applications:** Ideal for various RF applications
  - Operating Temperature:** -55°C to 105°C
  - Inductance Tolerance:**  $\pm 10\%$
  - Testing:** Inductance and Q are tested on HP4285A at specified frequency
  - Current Rating:** For a 15°C rise above 85°C ambient
  - Power Dissipation:** At 85°C - .073 watts
  - Packaging:** Tape & Reel, 1,500 parts per reel
  - Marking:** Parts are marked with inductance code
  - Miscellaneous:** **RoHS Compliant**
- Samples Available. See website for ordering information.

### PHYSICAL DIMENSIONS

Size	A	B	C	D Min.	E	F Ref.	G Ref.
mm	7.62 to 8.26	2.67 to 3.18	3.18 to 3.68	0.508	1.02 to 1.52	4.83	1.78
inches	0.30 to 0.33	0.11 to 0.13	0.13 to 0.15	0.020	0.04 to 0.06	0.19	0.07

