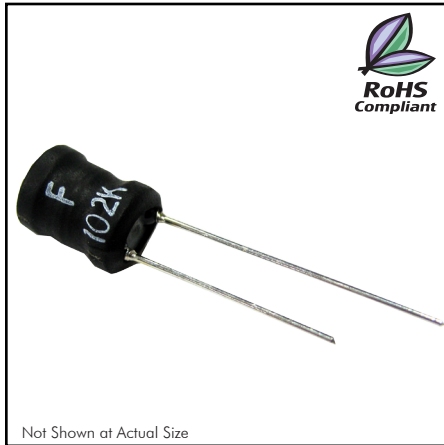


CTRLB0914F Series

From 3.3 μ H to 1,000 μ H



SPECIFICATIONS

Part numbers indicate available inductance tolerance:
K = $\pm 10\%$, M = $\pm 20\%$

Part Number	Inductance (μ H)	Q Ref.	L, Q Test Freq. (MHz)	DCR Max. (Ω)	SRF Min. (MHz)	IDC Max. (A)
CTRLB0914F-3R3M	3.3	20	7.96	0.027	70.0	3.60
CTRLB0914F-4R7M	4.7	20	7.96	0.033	50.0	3.20
CTRLB0914F-6R8K	6.8	20	7.96	0.039	30.0	3.00
CTRLB0914F-100K	10	50	2.52	0.048	20.0	2.70
CTRLB0914F-120K	12	50	2.52	0.055	15.0	2.50
CTRLB0914F-150K	15	50	2.52	0.060	10.0	2.40
CTRLB0914F-180K	18	40	2.52	0.065	9.5	2.30
CTRLB0914F-220K	22	40	2.52	0.090	9.0	1.90
CTRLB0914F-270K	27	40	2.52	0.110	8.5	1.80
CTRLB0914F-330K	33	40	2.52	0.120	8.0	1.70
CTRLB0914F-390K	39	30	2.52	0.130	7.0	1.60
CTRLB0914F-470K	47	30	2.52	0.140	6.0	1.50
CTRLB0914F-560K	56	30	2.52	0.200	5.0	1.30
CTRLB0914F-680K	68	30	2.52	0.210	4.5	1.20
CTRLB0914F-820K	82	30	2.52	0.230	4.0	1.10
CTRLB0914F-101K	100	30	0.796	0.280	3.5	1.00
CTRLB0914F-121K	120	30	0.796	0.320	3.0	0.90
CTRLB0914F-151K	150	30	0.796	0.370	2.8	0.80
CTRLB0914F-181K	180	30	0.796	0.540	2.6	0.75
CTRLB0914F-221K	220	20	0.796	0.600	2.4	0.70
CTRLB0914F-271K	270	20	0.796	0.680	2.2	0.65
CTRLB0914F-331K	330	20	0.796	0.760	2.0	0.60
CTRLB0914F-391K	390	20	0.796	0.850	1.9	0.55
CTRLB0914F-471K	470	20	0.796	1.300	1.8	0.50
CTRLB0914F-561K	560	20	0.796	1.400	1.7	0.45
CTRLB0914F-681K	680	20	0.796	1.600	1.6	0.40
CTRLB0914F-821K	820	20	0.796	1.800	1.5	0.35
CTRLB0914F-102K	1000	40	0.252	2.100	1.3	0.30

CHARACTERISTICS

- Description:** Radial leaded fixed inductor.
- Applications:** Power supplies, DC/DC converters, Filters, RFI Suppression, etc.
- Operating Temperature:** -40°C to +125°C
- Saturation Current:** Based on the inductance change within 5% of initial value and temperature rise of initial value less than 30°C within coil body.
- Inductance Tolerance:** $\pm 10\%$, $\pm 20\%$
- Testing:** Inductance is tested on an HP4284A
- Marking:** Parts are marked with inductance code.
- Packaging:** Bulk
- Miscellaneous:** **RoHS Compliant.**
- Samples available. See website for ordering information.**

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
mm	8.7 \pm 0.5	12.0 \pm 1.0	18.0 \pm 5.0	25.0 \pm 5.0	0.65	5.0 \pm 0.5
inches	0.343 \pm 0.020	0.472 \pm 0.039	0.709 \pm 0.197	0.984 \pm 0.197	0.026	0.197 \pm 0.020

