CTRL5480F-2 Series

From 3.9 µH to 33,000 µH



CHARACTERISTICS

Description: Radial leaded fixed inductor.
Applications: Power supplies, Switching Regulators, SCR and TRIAC Controls, RFI Suppression, Filters, etc.
Operating Temperature: -55°C to +125°C
Saturation Current: Based on the inductance change within 5% of initial value less than 30°C within coil body.
Inductance Tolerance: ±10%
Testing: Inductance is tested on an HP4285A at the speficied frequency.
Packaging: Bulk pack.
Marking: Parts are marked with inductance code.
Miscellaneous: RoHS Compliant.
Additional Information: Additional electrical & physical information available upon request.
Samples available. See website for ordering information.

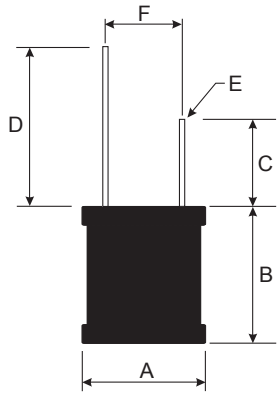
SPECIFICATIONS

Parts are available in ±10% inductance tolerance only.

Part Number	Inductance (µH)	L Test Freq. (KHz)	DCR (Ω) Max.	Saturation Current (A)	Rated Current (A)
CTRL5480F-2-3R9K	3.9	1.0	0.020	2.70	1.30
CTRL5480F-2-4R7K	4.7	1.0	0.022	2.50	1.30
CTRL5480F-2-5R6K	5.6	1.0	0.027	2.30	1.30
CTRL5480F-2-6R8K	6.8	1.0	0.029	2.10	1.30
CTRL5480F-2-8R2K	8.2	1.0	0.036	1.90	1.30
CTRL5480F-2-100K	10	1.0	0.041	1.70	1.30
CTRL5480F-2-120K	12	1.0	0.046	1.55	1.30
CTRL5480F-2-150K	15	1.0	0.050	1.40	1.30
CTRL5480F-2-180K	18	1.0	0.062	1.30	1.00
CTRL5480F-2-220K	22	1.0	0.071	1.20	1.00
CTRL5480F-2-270K	27	1.0	0.073	1.10	1.00
CTRL5480F-2-330K	33	1.0	0.090	0.920	0.800
CTRL5480F-2-390K	39	1.0	0.102	0.840	0.800
CTRL5480F-2-470K	47	1.0	0.120	0.760	0.800
CTRL5480F-2-560K	56	1.0	0.162	0.700	0.620
CTRL5480F-2-680K	68	1.0	0.186	0.660	0.620
CTRL5480F-2-820K	82	1.0	0.240	0.580	0.490
CTRL5480F-2-101K	100	1.0	0.270	0.530	0.490
CTRL5480F-2-121K	120	1.0	0.310	0.460	0.490
CTRL5480F-2-151K	150	1.0	0.372	0.440	0.490
CTRL5480F-2-181K	180	1.0	0.456	0.390	0.385
CTRL5480F-2-221K	220	1.0	0.535	0.350	0.385
CTRL5480F-2-271K	270	1.0	0.625	0.320	0.385
CTRL5480F-2-331K	330	1.0	0.816	0.300	0.300
CTRL5480F-2-391K	390	1.0	1.0	0.280	0.250
CTRL5480F-2-471K	470	1.0	1.2	0.240	0.250
CTRL5480F-2-561K	560	1.0	1.3	0.225	0.250
CTRL5480F-2-681K	680	1.0	1.8	0.210	0.190
CTRL5480F-2-821K	820	1.0	2.1	0.190	0.190
CTRL5480F-2-102K	1000	1.0	3.0	0.165	0.150
CTRL5480F-2-122K	1200	1.0	3.3	0.155	0.150
CTRL5480F-2-152K	1500	1.0	3.5	0.135	0.150
CTRL5480F-2-182K	1800	1.0	5.7	0.125	0.120
CTRL5480F-2-222K	2200	1.0	6.2	0.115	0.095
CTRL5480F-2-272K	2700	1.0	7.6	0.105	0.095
CTRL5480F-2-332K	3300	1.0	8.5	0.096	0.095
CTRL5480F-2-392K	3900	1.0	10.3	0.084	0.076
CTRL5480F-2-472K	4700	1.0	11.3	0.076	0.076
CTRL5480F-2-562K	5600	1.0	13.0	0.070	0.076
CTRL5480F-2-682K	6800	1.0	17.0	0.064	0.060
CTRL5480F-2-822K	8200	1.0	20.0	0.057	0.060
CTRL5480F-2-103K	10000	1.0	27.0	0.053	0.046
CTRL5480F-2-123K	12000	1.0	31.0	0.047	0.046
CTRL5480F-2-153K	15000	1.0	45.0	0.043	0.036
CTRL5480F-2-183K	18000	1.0	51.0	0.038	0.036
CTRL5480F-2-223K	22000	1.0	60.0	0.035	0.030
CTRL5480F-2-273K	27000	1.0	66.0	0.033	0.030
CTRL5480F-2-333K	33000	1.0	100.0	0.029	0.030

PHYSICAL DIMENSIONS

Size	A	B	C	D	E Typ.	F
mm	6.9±1.27	9.3±1.27	9.5±1.27	15.8±1.27	0.64	3.5±1.27
inches	0.275±0.050	0.365±0.050	0.375±0.050	0.625±0.050	0.025	0.138±0.050



Note: Leads easily formable to "F" dimension.

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