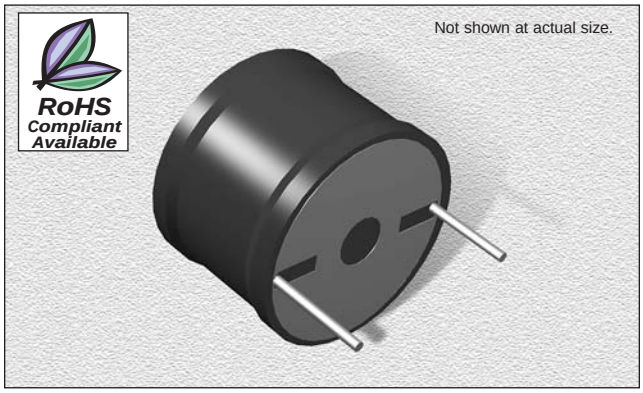
CTDR2 Series

From 1.0 µH to 2,200 µH



CHARACTERISTICS

Description: Radial leaded drum core inductor
Applications: Used in switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters
Operating Temperature: -25°C to +85°C
Temperature Rise: 50°C Max. at IDC
IDC: Current at which inductance drops 10% Max.
Inductance Tolerance: ±10%, ±20%
Testing: Inductance is tested on an HP4284A at 1.0 kHz
Packaging: Bulk pack
Sleeving: Coils finished with UL-VW-1 sleeving
Mounting: Center hole furnished for mechanical mounting
Miscellaneous: RoHS Compliant available. Non-standard tolerances and other values available.
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

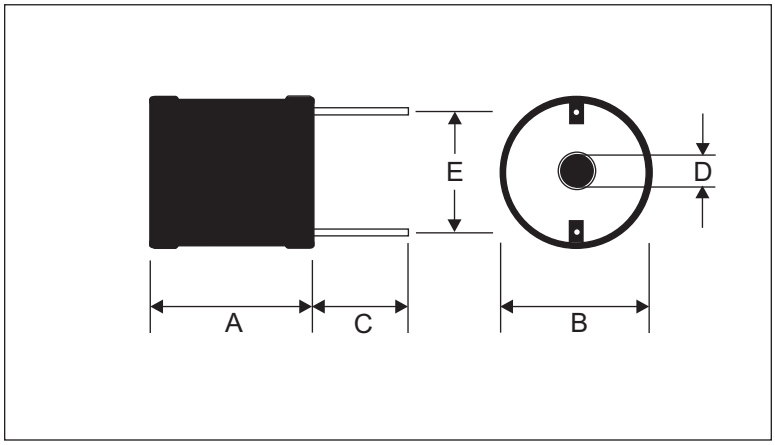
SPECIFICATIONS

Part numbers indicate available tolerance.
K = ±10%, M = ±20%
CTDR2F **Please specify "F" for RoHS compliant.**

Part Number	Inductance (µH)	L Test Freq. (kHz)	DCR Max. (Ω)	IDC Max. (A)
CTDR2_-1R0M	1.0	1.0	.003	11.4
CTDR2_-1R2M	1.2	1.0	.003	11.4
CTDR2_-1R5M	1.5	1.0	.003	11.4
CTDR2_-1R8M	1.8	1.0	.003	11.4
CTDR2_-2R2M	2.2	1.0	.004	11.4
CTDR2_-3R3M	3.3	1.0	.005	11.4
CTDR2_-3R9M	3.9	1.0	.005	11.4
CTDR2_-4R7M	4.7	1.0	.005	11.4
CTDR2_-5R6M	5.6	1.0	.006	11.4
CTDR2_-6R8M	6.8	1.0	.007	11.4
CTDR2_-8R2M	8.2	1.0	.007	11.4
CTDR2_-100M	10	1.0	.009	11.4
CTDR2_-120K	12	1.0	.009	11.4
CTDR2_-150K	15	1.0	.013	9.0
CTDR2_-180K	18	1.0	.018	7.2
CTDR2_-220K	22	1.0	.019	7.2
CTDR2_-270K	27	1.0	.026	5.5
CTDR2_-330K	33	1.0	.029	5.5
CTDR2_-390K	39	1.0	.030	5.5
CTDR2_-470K	47	1.0	.035	5.5
CTDR2_-560K	56	1.0	.039	5.5
CTDR2_-680K	68	1.0	.053	4.8
CTDR2_-820K	82	1.0	.060	4.8
CTDR2_-101K	100	1.0	.080	4.0
CTDR2_-121K	120	1.0	.090	4.0
CTDR2_-151K	150	1.0	.098	4.0
CTDR2_-181K	180	1.0	.110	4.0
CTDR2_-221K	220	1.0	.150	2.8
CTDR2_-271K	270	1.0	.213	2.0
CTDR2_-331K	330	1.0	.305	1.6
CTDR2_-391K	390	1.0	.320	1.6
CTDR2_-471K	470	1.0	.355	1.6
CTDR2_-561K	560	1.0	.388	1.6
CTDR2_-681K	680	1.0	.430	1.6
CTDR2_-821K	820	1.0	.590	1.3
CTDR2_-102K	1000	1.0	.818	1.0
CTDR2_-122K	1200	1.0	1.14	0.8
CTDR2_-152K	1500	1.0	1.26	0.8
CTDR2_-182K	1800	1.0	1.39	0.8
CTDR2_-222K	2200	1.0	1.54	0.8

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C	D Typ.	E Typ.
mm	22.0	22.0	15±2	3.9	15
inches	0.87	0.87	0.59±0.08	0.15	0.59



CENTRAL Technologies

Manufacturer of Inductors, Chokes, Coils, Beads, Transformers & Toroids
800-684-5322 Inside US **949-453-1811** Outside US

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