

SPECIFICATION OF CD SERIES

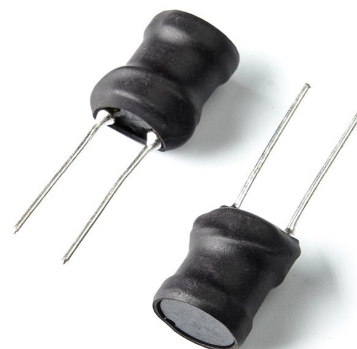
FEATURES

1. Open Magnetic circuit construction
2. Low cost and high reliability



APPLICATIONS

Notebook , Inkjet printer , Copying machine ,
ADSL modem , Cellular phone , Display monitor ,
Video tape recorder , Video camera , Color TV ,
Lighting and Car electronics.



ORDERING CODE

CD2810 100 M U 01
(1) (2) (3) (4) (5)

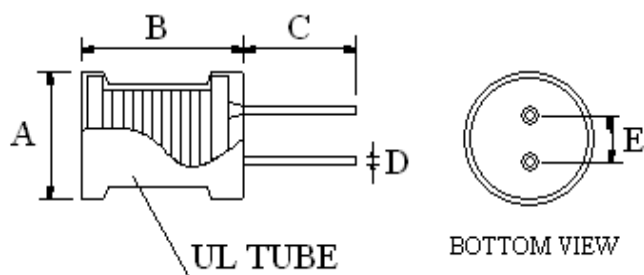
- (1) PRODUCT TYPE CODE AND SIZE CODE
- (2) INDUCTANCE
- (3) INDUCTANCE TOLERANCE (K:±10% , M : ±20%, N : ±30%)
- (4) TUBE
- (5) DESIGN CODE

ORDERING CODE

CD21012 331 M AXX U
(1) (2) (3) (4) (5)

- (1) PRODUCT TYPE CODE AND SIZE CODE
- (2) INDUCTANCE
- (3) INDUCTANCE TOLERANCE (K:±10% , M : ±20%, N : ±30%)
- (4) INDUCTANCE HIGH CURRENT RATING
- (5) TUBE

CONFIGURATIONS



SHAPE & DIMENSIONS

UNIT:mm

SIZE CODE	A (max)	B (max)	C ±2.0	ΦD ±0.1	E ±0.5
CD268	8.5	12.0	15.0	0.60	3.0
CD2810	10.0	15.0	10.0	0.65	5.0
CD2812	10.5	15.5	15.0	0.65	5.0
CD21012	13.0	17.0	15.0	0.80	6.0
CD21016	13.0	19.0	15.0	0.80	6.0

***Design as Customer's Requested Specifications.**

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

RADIAL CHOKE INDUCTORS → CD SERIES

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Inductance (uH)	Test Freq (KHz)	DC Resistance (Ω)max	Isat (A)max	Irms (A)max
CD268-4R7MA40U	4.7	1	0.040	4.00	4.20
CD268-6R8MA33U	6.8	1	0.035	3.30	3.40

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Inductance (uH)	Test Freq (KHz)	DC Resistance (Ω)max	Isat (A)max	Irms (A)max
CD2810-561MU-01	560	1	1.0	0.45	0.80
CD2810-272MU-01	2700	1	5.1	0.30	0.30
CD2810-302MU-01	3000	1	5.5	0.30	0.30
CD2810-342MU-01	3400	1	6.8	0.29	0.29
CD2810-472MU-01	4700	1	9.7	0.16	0.24

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Inductance (uH)	Test Freq (KHz)	DC Resistance (Ω)max	Isat (A)max	Irms (A)max
CD2812-341MU-01	340	1	1.00	1.00	0.88
CD2812-342MU-01	3400	1	8.00	0.40	0.27

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Inductance (uH)	Test Freq (KHz)	DC Resistance (Ω)max	Isat (A)max	Irms (A)max
CD21012-221MA15U	220	1	0.51	1.50	1.30
CD21012-701MA093U	700	1	0.81	0.93	0.90
CD21012-771MA08U	770	1	0.85	0.80	0.80
CD21012-392MA036U	3900	1	4.80	0.36	0.36
CD21012-432MA035U	4300	1	5.20	0.35	0.36
CD21012-452MA035U	4500	1	5.90	0.35	0.32
CD21012-103MA024U	10000	1	12.50	0.24	0.24

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Inductance (uH)	Test Freq (KHz)	DC Resistance (Ω)max	Isat (A)max	Irms (A)max
CD21016-331MA15U	330	1	0.40	1.50	1.70
CD21016-721MA12U	720	1	0.76	1.20	1.00
CD21016-781MA10U	780	1	0.80	1.00	0.90
CD21016-152MA06U	1500	1	1.70	0.60	0.63
CD21016-342MA05U	3400	1	4.20	0.50	0.43
CD21016-452MA045U	4500	1	6.00	0.45	0.35
CD21016-472MA045U	4700	1	6.00	0.45	0.35
CD21016-512MA043U	5100	1	6.20	0.43	0.34

*Test Frequency: 1KHz/0.25v

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