

GLADSUM 东莞市欣永电子科技有限公司 規格標準書

COMPONENT SPECIFICATION

版次:第2版

NAME	SMD POWER INDUCTORS CD Series	COMPOSITE SPECIFICATION		1/2
		SPEC#	CD43 Series	

◆ Product Description

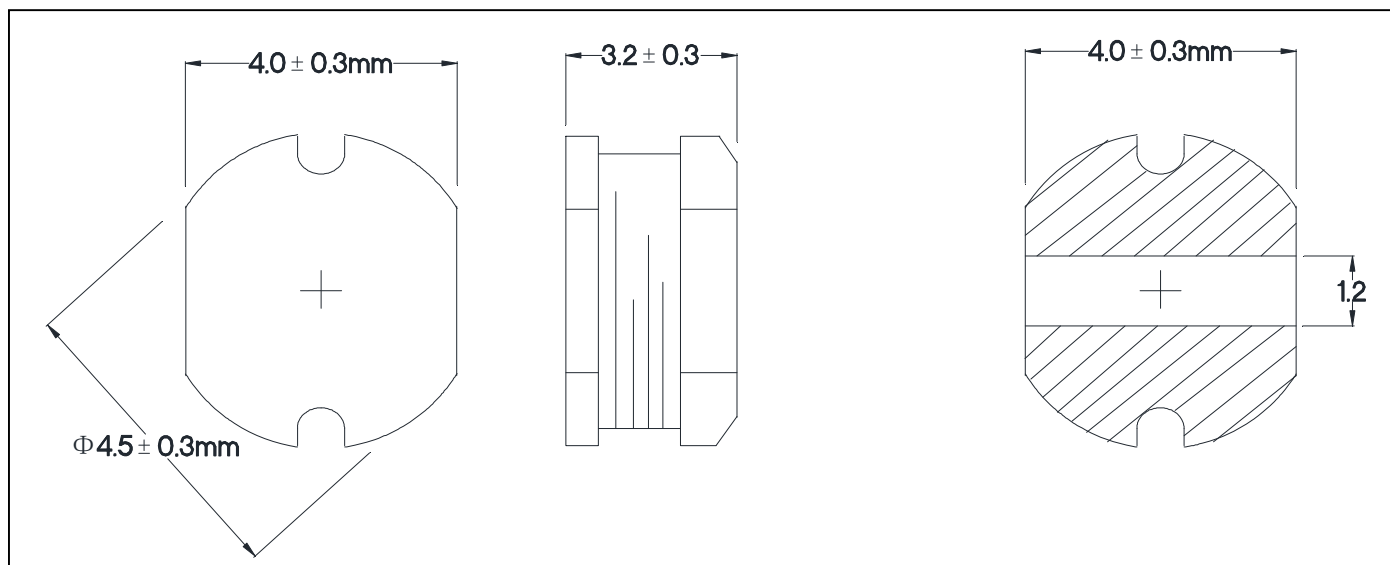
- 4.8×4.3mm Max.(L×W),3.5mm Max. Height.
- Inductance range: 1.0~68μH
- Rated current range:0.37~2.7A
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.



◆ Feature

- Magnetically unshielded construction.
- Ideally used in Mobilephone,PDA,MP3,DSC/DVC,HDD,Portable DVD,etc as DC-DC Converter inductors.
- RoHS Compliance

◆ Dimensions (mm)



HISTORY	DATE	REVISION		SIGN.	SIGN.
PLANNED BY	CHECKED BY	APPROVED BY			
JSHING	SLEKEY	table zhu			

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NAME	SMD POWER INDUCTORS CD Series	COMPOSITE SPECIFICATION		2/2
		SPEC#	CD43 Series	

◆ Specification

Part Name	Stamp	Inductance [Within] (μ H) ※1	D.C.R (Ω)[Max.] (at 20℃)	Rated Current (A) ※2	S.R.F. (MHz) (TYP.)
CD43-1R0M	1R0	1.0 $\pm$ 10%	48.70	2.70	113.80
CD43-1R4M	1R4	1.4 $\pm$ 10%	56.20	2.50	101.00
CD43-1R8M	1R8	1.8 $\pm$ 10%	63.70	2.33	92.00
CD43-2R2M	2R2	2.2 $\pm$ 10%	71.20	2.25	76.30
CD43-2R7M	2R7	2.7 $\pm$ 10%	78.70	2.16	66.60
CD43-3R3M	3R3	3.3 $\pm$ 10%	86.20	2.00	63.80
CD43-3R9M	3R9	3.9 $\pm$ 10%	93.70	1.84	53.80
CD43-4R7M	4R7	4.7 $\pm$ 10%	108.70	1.62	49.50
CD43-5R6M	5R6	5.6 $\pm$ 10%	125.70	1.48	43.20
CD43-6R8M	6R8	6.8 $\pm$ 10%	131.20	1.43	41.40
CD43-8R2M	8R2	8.2 $\pm$ 10%	146.20	1.37	35.80
CD43-100K	100	10 $\pm$ 10%	182.00	1.04	35.80
CD43-120K	120	12 $\pm$ 10%	210.00	0.97	32.40
CD43-150K	150	15 $\pm$ 10%	235.00	0.85	29.30
CD43-180K	180	18 $\pm$ 10%	338.00	0.74	27.50
CD43-220K	220	22 $\pm$ 10%	378.00	0.68	24.70
CD43-270K	270	27 $\pm$ 10%	522.00	0.62	21.70
CD43-330K	330	33 $\pm$ 10%	540.00	0.56	19.60
CD43-390K	390	39 $\pm$ 10%	587.00	0.52	18.00
CD43-470K	470	47 $\pm$ 10%	844.00	0.44	15.60
CD43-560K	560	56 $\pm$ 10%	937.00	0.42	14.80
CD43-680K	680	68 $\pm$ 10%	1117.00	0.37	13.20

◆ Part Numbering System

<u>CD</u>	-	<u>43</u>	-	<u>100</u>	-	<u>K</u>	-	<u>T</u>	-	<u>LF</u>
1		2		3		4		5		6

- Series name: CD series name
- Dimensions: 43 = 4532
- inductance: 1R0=1UH、100=10UH、101=100uh
- tolerance: J: $\pm$ 5%、K: $\pm$ 10%、L: $\pm$ 15%、M: $\pm$ 20%、P: $\pm$ 25%、N: $\pm$ 30%
- Packingcode: Tape&Ree;In Bulk
- Lead Free