

# CDH43

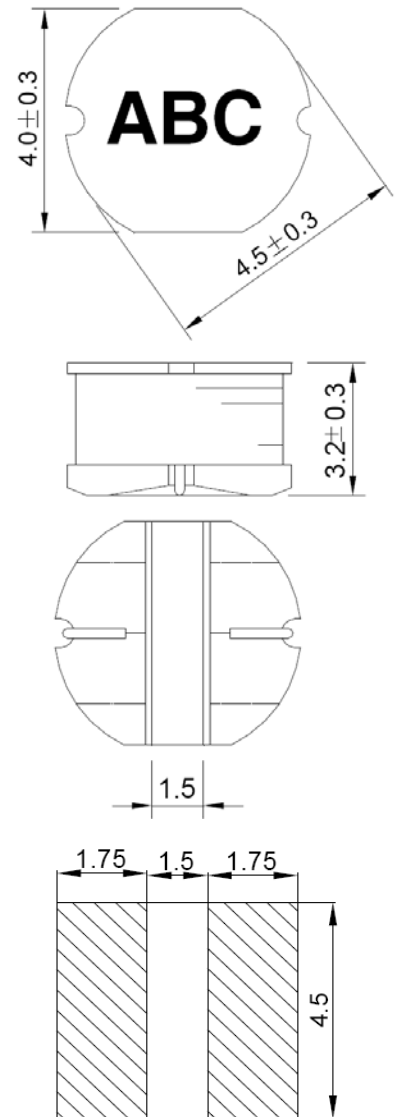


## ◆ 特征 Feature

- 具有高功率，高饱和度，低阻抗，小型化的特点。  
Various high power inductors are superior to be high saturation for surface mounting.
- 直接电极设计，降低零件高度。  
Put the electrode with ferrite core directly, a small Surface area allow a high mounting density.
- 低价格，适用于回流焊 SMT 工艺  
Low profile, suitable for reflow soldering.

型号 Part number	电感量 Inductance	Q 值 Typical Q	自谐振频率 SRF	直流电阻 DCR	饱和电流 Isat
Units	( $\mu$ H)	Ref.	(MHz) typ.	( $\Omega$ ) max	(A)
CDH43-1R0ML_	1.0 $\pm$ 20%	28	120	0.049	2.70
CDH43-1R4ML_	1.4 $\pm$ 20%	28	100	0.056	2.50
CDH43-1R8ML_	1.8 $\pm$ 20%	28	95	0.064	2.33
CDH43-2R2ML_	2.2 $\pm$ 20%	28	85	0.071	2.25
CDH43-2R7ML_	2.7 $\pm$ 20%	28	75	0.079	2.16
CDH43-3R3ML_	3.3 $\pm$ 20%	28	72	0.086	2.00
CDH43-3R9ML_	3.9 $\pm$ 20%	28	68	0.094	1.84
CDH43-4R7ML_	4.7 $\pm$ 20%	28	50	0.108	1.62
CDH43-5R6ML_	5.6 $\pm$ 20%	28	45	0.125	1.48
CDH43-6R8ML_	6.8 $\pm$ 20%	28	42	0.131	1.43
CDH43-8R2ML_	8.2 $\pm$ 20%	28	40	0.146	1.37
CDH43-100ML_	10 $\pm$ 20%	28	35	0.182	1.04
CDH43-120ML_	12 $\pm$ 20%	28	34	0.210	0.97
CDH43-150ML_	15 $\pm$ 20%	28	33	0.235	0.85
CDH43-180ML_	18 $\pm$ 20%	25	32	0.338	0.74
CDH43-220ML_	22 $\pm$ 20%	25	28	0.378	0.68
CDH43-270ML_	27 $\pm$ 20%	20	22	0.522	0.62
CDH43-330ML_	33 $\pm$ 20%	20	20	0.540	0.56
CDH43-390ML_	39 $\pm$ 20%	20	18	0.587	0.52
CDH43-470ML_	47 $\pm$ 20%	20	18	0.844	0.44
CDH43-560ML_	56 $\pm$ 20%	20	17	0.937	0.42
CDH43-680ML_	68 $\pm$ 20%	20	16	1.117	0.37
CDH43-820ML_	82 $\pm$ 20%	25	14	1.180	0.33
CDH43-101ML_	100 $\pm$ 20%	35	12	1.190	0.29
CDH43-121ML_	120 $\pm$ 20%	50	10	1.400	0.26
CDH43-151ML_	150 $\pm$ 20%	50	10	1.860	0.23
CDH43-181ML_	180 $\pm$ 20%	50	9.0	2.040	0.20
CDH43-221ML_	220 $\pm$ 20%	50	8.5	2.850	0.18
CDH43-271ML_	270 $\pm$ 20%	45	8.0	3.177	0.16
CDH43-331ML_	330 $\pm$ 20%	40	7.0	3.983	0.13

## ◆ 外形尺寸 Dimension



Recommended  
Land pattern

Unit:mm

※ 电感测试条件。Testing conditions of inductance.  
(1.0 $\mu$ H~8.2 $\mu$ H)at 100 kHz /0.3V (10 $\mu$ H~330 $\mu$ H)at 1 kHz /0.3V.

※ 饱和电流：电感值下降到标准值的 70%时的电流值。  
Isat: This indicates the value of DC current when the inductance decreases to 70% of its nominal value.