Type: CDH53

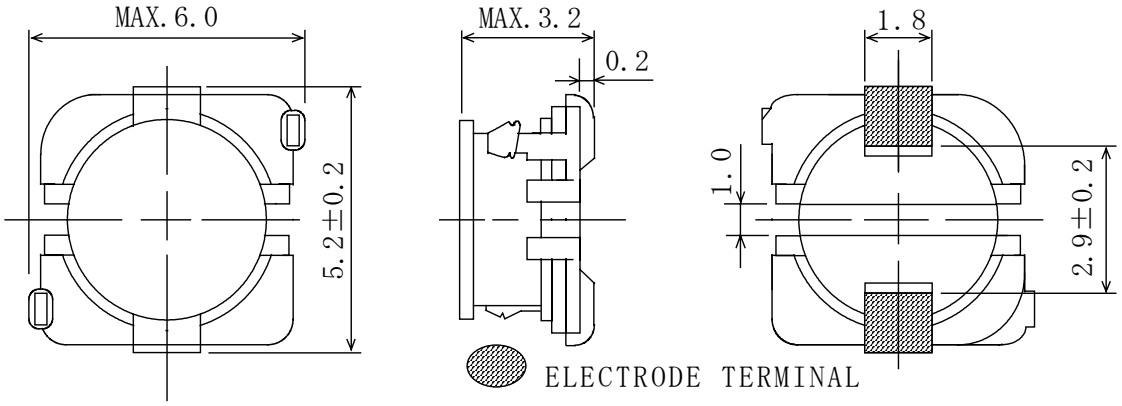
◆ Product Description

・6.0×5.4mm Max.(L×W), 3.2mm Max. Height.
・Inductance Range: 2.2～220μH
・Rated current range: 0.26～2.03A
・In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.

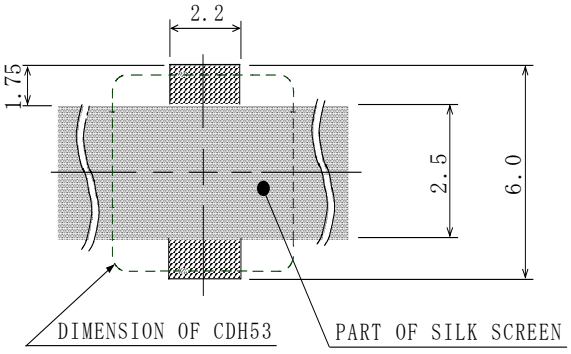
◆ Feature

・Magnetically unshielded construction.
・Ideally used in PDA,DVD,HDD, DVC, Game machine, Notebook PC, etc as DC-DC Converter inductors.
・RoHS Compliance

◆ Dimensions (mm)



◆ Land Pattern (mm)



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Type: CDH53

◆ Specification

Part Name ※	Stamp	Inductance ［Within］※2	D.C.R.(Ω) Max.(Typ.) (at 20℃)	Rated current (A) ※1
CDH53NP-2R2M□	2R2	2.2μH ± 20 %	66m (51m)	2.03
CDH53NP-3R3M□	3R3	3.3μH ± 20 %	88m (68m)	1.88
CDH53NP-4R7M□	4R7	4.7μH ± 20 %	96m (74m)	1.68
CDH53NP-1ØØL□	100	10 μH ± 15 %	0.16(0.13)	1.23
CDH53NP-12ØL□	120	12 μH ± 15 %	0.18(0.14)	1.12
CDH53NP-15ØK□	150	15 μH ± 10 %	0.25(0.20)	1.00
CDH53NP-18ØK□	180	18 μH ± 10 %	0.28(0.21)	0.88
CDH53NP-22ØK□	220	22 μH ± 10 %	0.39(0.30)	0.80
CDH53NP-27ØK□	270	27 μH ± 10 %	0.42(0.32)	0.72
CDH53NP-33ØK□	330	33 μH ± 10 %	0.49(0.38)	0.67
CDH53NP-39ØK□	390	39 μH ± 10 %	0.55(0.43)	0.64
CDH53NP-47ØK□	470	47 μH ± 10 %	0.77(0.59)	0.53
CDH53NP-56ØK□	560	56 μH ± 10 %	0.87(0.67)	0.50
CDH53NP-68ØJ□	680	68 μH ± 5 %	1.21(0.96)	0.45
CDH53NP-82ØJ□	820	82 μH ± 5 %	1.34(1.07)	0.39
CDH53NP-1Ø1J□	101	100μH ± 5 %	1.57(1.25)	0.37
CDH53NP-121J□	121	120μH ± 5 %	1.80(1.44)	0.34
CDH53NP-151J□	151	150μH ± 5 %	2.40(1.92)	0.31
CDH53NP-181J□	181	180μH ± 5 %	2.66(2.13)	0.30
CDH53NP-221J□	221	220μH ± 5 %	3.73(2.99)	0.26

※ Description of part name

CDH53NP-2R2M□
- B Box
- C Carrier Tape

※1 Rated current: The DC current at which the inductance decreases to 90% of it's initial value or when △t=40℃, whichever is lower(Ta=20℃).

※2: Measuring frequency: 2.2μH ～ 4.7μH at 7.96 MHz
10μH ～ 220μH at 1 kHz

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