Type: CDH63

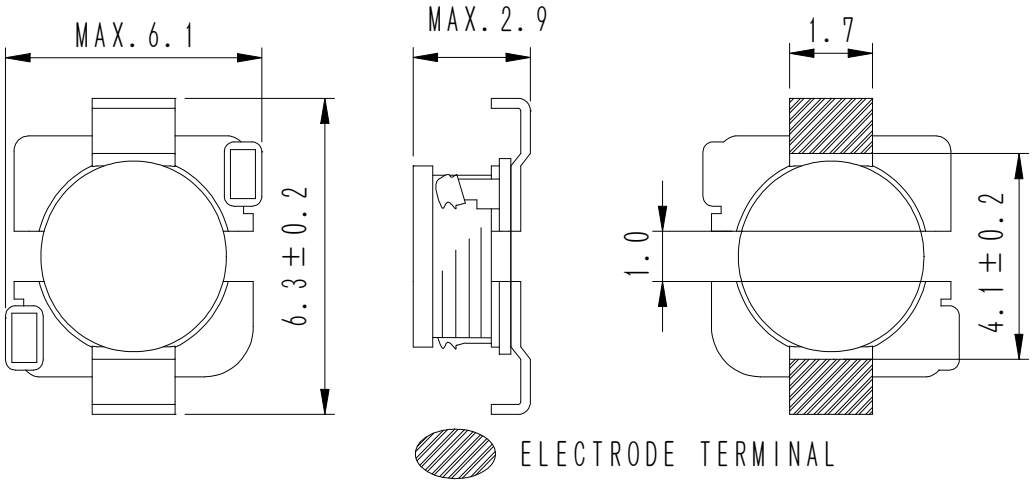
◆ Product Description

- 6.5×6.1mm Max.(L×W), 2.9mm Max. Height.
- Inductance Range: 1.4～220μH
- Rated current range: 0.19～2.55A
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.

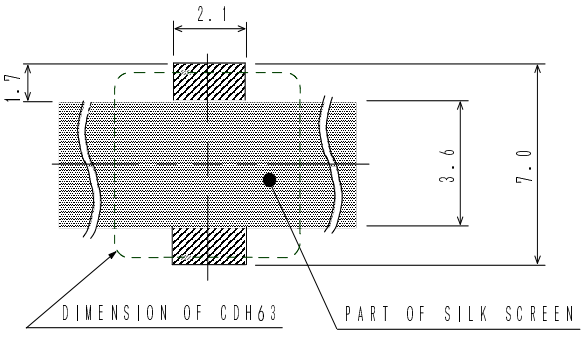
◆ Feature

- 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)



Type: CDH63

◆ Specification

Part Name ※	Stamp	Inductance (μH) 100kHz/1V	D.C.R.(Ω) Max.(Typ.) (at 20℃)	Saturation Current (A) ※1		Temperature Rise current (A) ※2
				at 20℃	at 105℃	
CDH63NP-1R4M□	B	1.4±20%	35m(27.5m)	3.20	2.30	2.55
CDH63NP-2R0M□	C	2.0±20%	51m(41.0m)	2.60	2.00	2.30
CDH63NP-3R3M□	D	3.3±20%	70m(56m)	2.20	1.70	1.80
CDH63NP-3R9M□	E	3.9±20%	92m(73m)	2.00	1.40	1.65
CDH63NP-4R7M□	F	4.7±20%	105m(84m)	1.80	1.30	1.55
CDH63NP-5R6M□	G	5.6±20%	136m(109m)	1.60	1.15	1.35
CDH63NP-6R8M□	H	6.8±20%	144m(115m)	1.50	1.05	1.30
CDH63NP-8R2M□	I	8.2±20%	184m(147m)	1.28	1.00	1.20
CDH63NP-100M□	J	10±20%	209m(167m)	1.20	0.93	1.10
CDH63NP-120M□	K	12±20%	239m(191m)	1.15	0.85	1.00
CDH63NP-150M□	L	15±20%	275m(220m)	1.10	0.76	0.78
CDH63NP-180M□	M	18±20%	0.38(0.30)	0.94	0.73	0.75
CDH63NP-220M□	N	22±20%	0.45(0.36)	0.85	0.70	0.70
CDH63NP-270M□	O	27±20%	0.58(0.46)	0.75	0.61	0.63
CDH63NP-330M□	P	33±20%	0.66(0.53)	0.68	0.56	0.59
CDH63NP-390M□	Q	39±20%	0.78(0.62)	0.64	0.49	0.53
CDH63NP-470K□	R	47±10%	1.00(0.80)	0.59	0.46	0.48
CDH63NP-560K□	S	56±10%	1.13(0.90)	0.53	0.40	0.42
CDH63NP-680K□	T	68±10%	1.48(1.18)	0.48	0.37	0.39
CDH63NP-820K□	U	82±10%	1.60(1.33)	0.44	0.35	0.36
CDH63NP-101K□	V	100±10%	1.81(1.51)	0.39	0.31	0.34
CDH63NP-121K□	W	120±10%	2.40(2.00)	0.37	0.28	0.30
CDH63NP-151K□	X	150±10%	3.24(2.70)	0.31	0.24	0.23
CDH63NP-181K□	Y	180±10%	3.60(3.00)	0.29	0.22	0.21
CDH63NP-221K□	Z	220±10%	4.33(3.61)	0.27	0.20	0.19

※ Description of part name

CDH63NP-1R4M□
- B Box
- C Carrier Tape

※1.Saturation Current: The DC current at which the inductance decreases to 90% of it's initial value.

※2.Temperature rise current:The DC current at which the temperature rise is △t=40℃.(Ta=20℃)