Type: CDCH10D68/A

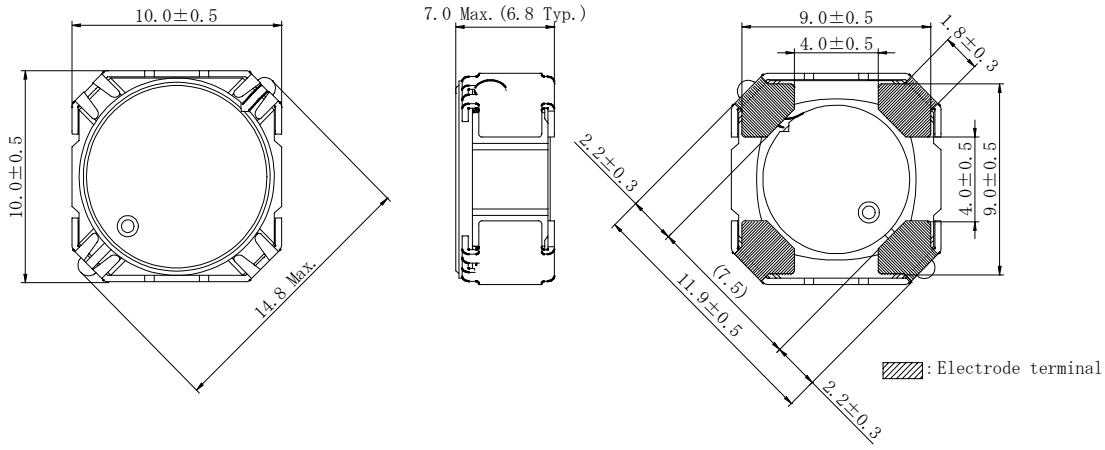
◆ Product Description

- 10.5×10.5mm Max.(L×W), 7.0mm Max. Height.
- Inductance range: 10～560 μH
- Rated current range:0.3～2.72A(125℃)
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.

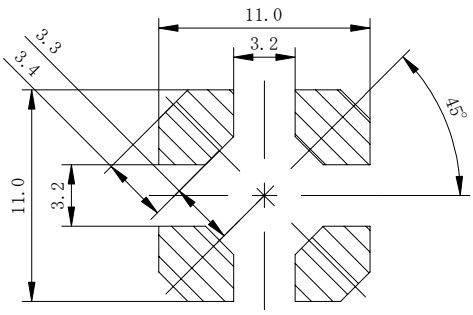
◆ Feature

- Magnetically unshielded construction.
- High reliable inductors, suitable to use in high temperature environment(125℃)
- Ideally for automotive applications as converter inductors.
- RoHS Compliance

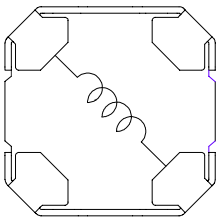
◆ Dimensions (mm)



◆ Land Pattern (mm)



◆ Schematics(Bottom)



Type: CDCH10D68/A

◆ Specification

Part Name ※	Stamp	Inductance [Within] 100kHz/1V	D.C.R.(Ω) Max.(Typ.) (at 20℃)	Rated current (A)(at 125℃) ※1
CDCH1ØD68/ANP-1ØØK□	100	10μH±10%	34m(27m)	2.72
CDCH1ØD68/ANP-12ØK□	120	12μH±10%	41m(33m)	2.41
CDCH1ØD68/ANP-15ØK□	150	15μH±10%	55m(44m)	1.97
CDCH1ØD68/ANP-18ØK□	180	18μH±10%	65m(52m)	1.85
CDCH1ØD68/ANP-22ØK□	220	22μH±10%	71m(57m)	1.70
CDCH1ØD68/ANP-27ØK□	270	27μH±10%	93m(74m)	1.41
CDCH1ØD68/ANP-33ØK□	330	33μH±10%	115m(92m)	1.30
CDCH1ØD68/ANP-39ØK□	390	39μH±10%	123m(98m)	1.28
CDCH1ØD68/ANP-47ØK□	470	47μH±10%	140m(112m)	1.16
CDCH1ØD68/ANP-56ØK□	560	56μH±10%	174m(139m)	1.01
CDCH1ØD68/ANP-68ØK□	680	68μH±10%	224m(179m)	0.92
CDCH1ØD68/ANP-82ØK□	820	82μH±10%	275m(220m)	0.81
CDCH1ØD68/ANP-1Ø1K□	101	100μH±10%	0.33(0.26)	0.73
CDCH1ØD68/ANP-121K□	121	120μH±10%	0.39(0.31)	0.65
CDCH1ØD68/ANP-151K□	151	150μH±10%	0.45(0.36)	0.60
CDCH1ØD68/ANP-181K□	181	180μH±10%	0.58(0.46)	0.52
CDCH1ØD68/ANP-221K□	221	220μH±10%	0.74(0.59)	0.45
CDCH1ØD68/ANP-271K□	271	270μH±10%	0.96(0.77)	0.40
CDCH1ØD68/ANP-331K□	331	330μH±10%	1.09(0.87)	0.37
CDCH1ØD68/ANP-391K□	391	390μH±10%	1.40(1.12)	0.34
CDCH1ØD68/ANP-471K□	471	470μH±10%	1.58(1.26)	0.32
CDCH1ØD68/ANP-561K□	561	560μH±10%	1.79(1.43)	0.30

※ Description of part name

C D C H 1 Ø D 6 8 / A N P − 1 Ø Ø K □

- 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＝30℃, whichever is lower (Ta=125℃).