

POWER INDUCTORS <SMD Type: CDCH**/A Series>

Type: CDCH8D38/A

♦ Product Description

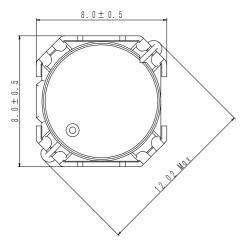
- \cdot 8.5 \times 8.5mm Max.(L \times W), 4.0mm Max. Height.
- · Inductance Range: 10~120 µ H.
- Rated current range: $0.42\sim1.67A$ (at $125^{\circ}C$).
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.

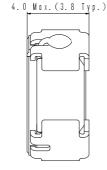


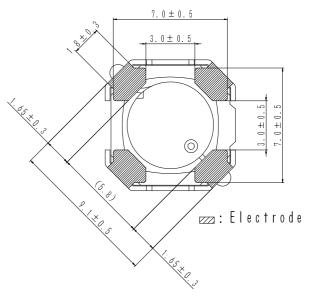
◆ Feature

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

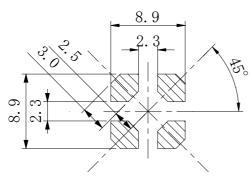
♦ Dimensions (mm)



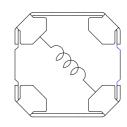




◆ Land Pattern (mm)



♦ Schematics (Bottom)



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♦ Specification

Part Name ※	Stamp	Inductance (μH) 100kHz/1V	D.C.R.(mΩ) Max.(Typ.) (at 20℃)	Rated current (at 125℃) (A) ※1
CDCH8D38/ANP-100K□	100	10±10%	71.3(57)	1.67
CDCH8D38/ANP-120K□	120	12±10%	87.5(70)	1.48
CDCH8D38/ANP-150K□	150	15±10%	116.3(93)	1.22
CDCH8D38/ANP-180K□	180	18±10%	143.8(115)	1.07
CDCH8D38/ANP-220K□	220	22±10%	162.5(130)	1.00
CDCH8D38/ANP-270K□	270	27±10%	205.0(164)	0.87
CDCH8D38/ANP-330K□	330	33±10%	238.8(191)	0.84
CDCH8D38/ANP-390K□	390	39±10%	301.3(241)	0.73
CDCH8D38/ANP-470K□	470	47±10%	326.3(261)	0.69
CDCH8D38/ANP-560K□	560	56±10%	426.3(341)	0.61
CDCH8D38/ANP-680K□	680	68±10%	481.3(385)	0.55
CDCH8D38/ANP-820K□	820	82±10%	646.3(517)	0.47
CDCH8D38/ANP-101K□	101	100±10%	750.0(600)	0.44
CDCH8D38/ANP-121K□	121	120±10%	842.5(674)	0.42

※ Description of part name

