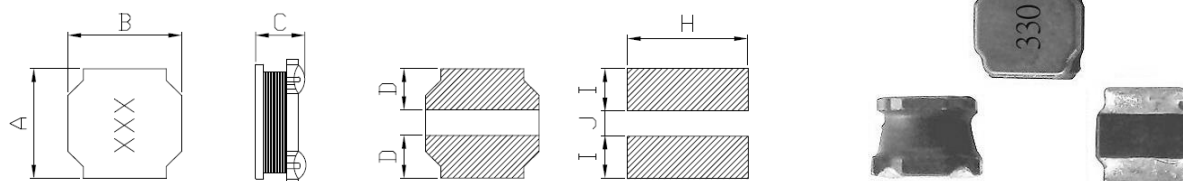


Power Inductor – YCDM3015CT Series

EXTERNAL DIMENSIONS

(Unit: mm)



Type	A	B	C	D	H	I	J
YCDM3015CT	3.0±0.2	3.0±0.2	1.2±0.3	0.75±0.2	2.70	0.8	1.5

Features

- YCDM series, an automatic assembly power inductor, is shielded with magnetic resin and suitable for the portable DC-DC converter application.
- RoHS compliant.
- Highly accurate dimensions can be mounted automatically.
- Terminals are highly resistant to pull forces.
- Superior EMI electrical with ultra low radiation comparing to conventional shielded power inductors.

Applications

- LCD TV, Monitor, Ap Router, STB, Smart Phone, Touch Panel, DSC, Game Console and other electronic devices.

Test Conditions

- Idc1(Isat) base on inductance change $\Delta L / L0A$: drop 30% Max.
- Idc2(Irms) base on Temp. rise ΔT : 40°C Max..
- Operating Temperature : -40°C ~ +125°C.

Part Number	Inductance L(uH)	Test Frequency (KHz)	DC Resistance (mΩ)±30%	Idc1 (Isat) (A)Max.	Idc2 (Irms) (A)Max.
YCDM3015CT-1R0NS	1.0	100	37	2.32	2.10
YCDM3015CT-1R5NS	1.5	100	50	2.30	1.70
YCDM3015CT-2R2NS	2.2	100	60	1.60	1.60
YCDM3015CT-3R3MS	3.3	100	80	1.32	1.36
YCDM3015CT-4R7MS	4.7	100	125	1.10	1.09
YCDM3015CT-6R8MS	6.8	100	200	0.85	0.85
YCDM3015CT-100MS	10	100	250	0.72	0.77
YCDM3015CT-220MS	22	100	460	0.52	0.57

NOTE: Tolerance value: M = ±20%, N = ±30%