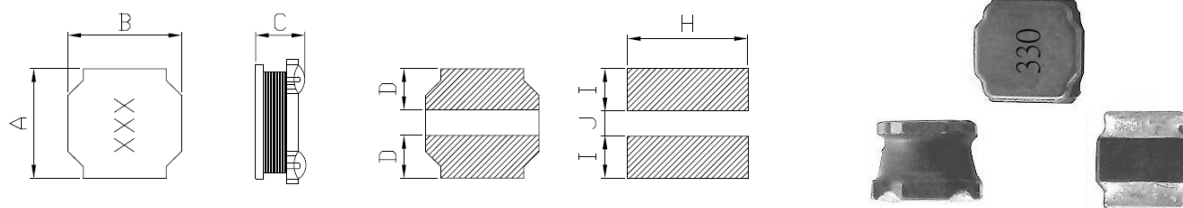


EXTERNAL DIMENSIONS

(Unit: mm)



Type	A	B	C	D	H	I	J
YCDM4018CT	4.0±0.2	4.0±0.2	1.5±0.3	0.95±0.2	3.70	1.1	1.9

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  $\Delta L / L_{0A}$  : drop 30% Max.
- Idc2(Irms) base on Temp. rise  $\Delta T$  : 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.
YCDM4018CT-1R0NS	1.0	100	23	4.50	2.50
YCDM4018CT-1R5NS	1.5	100	33	3.35	2.34
YCDM4018CT-2R2MS	2.2	100	44	2.70	2.00
YCDM4018CT-3R3MS	3.3	100	70	2.45	1.90
YCDM4018CT-4R7MS	4.7	100	90	1.70	1.70
YCDM4018CT-6R8MS	6.8	100	124	1.45	1.30
YCDM4018CT-100MS	10	100	200	1.30	1.10
YCDM4018CT-150MS	15	100	268	0.94	0.92
YCDM4018CT-220MS	22	100	390	0.80	0.80
YCDM4018CT-330MS	33	100	560	0.65	0.60
YCDM4018CT-470MS	47	100	756	0.57	0.50

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