

## Revision and History

Part No.: DCM06-1822650N

Product code: TBD

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Rev.	Date	Revision Description	Checked	Approved
A1	Oct/17/2019	Initial release.	Louise Liu	Cason Chen

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# Spec Sheet

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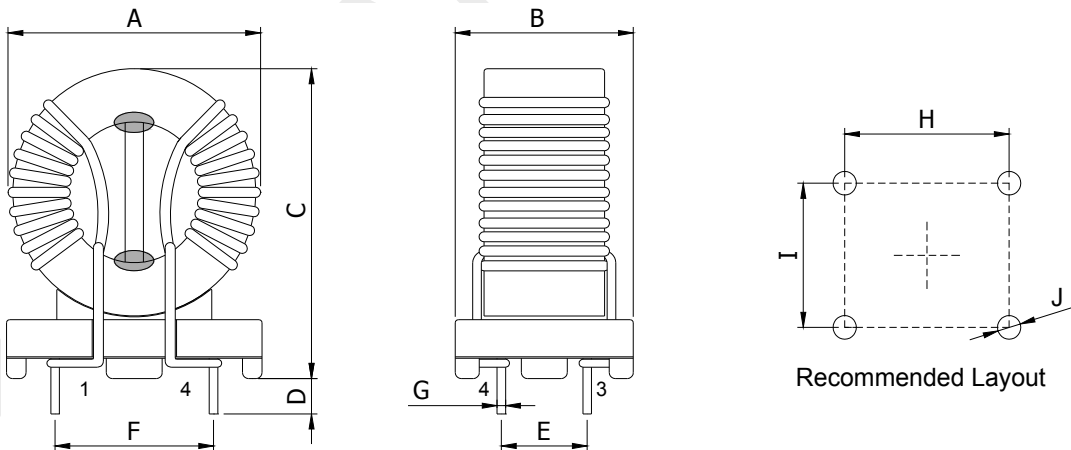
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## Features

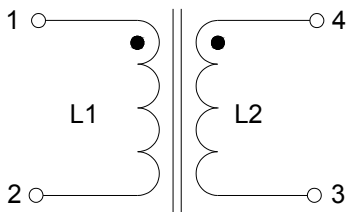
- Suppression of common-mode interferences
- Switch-mode applications
- Storage temperature range:-25°C to +60°C
- Operating temperature range:-40°C to +125°C (including coil's self-temperature rise)
- Moisture sensitivity level:1
- RoHS&Halogen-free compliance

## Mechanical Dimension(Unit:mm)



A	B	C	D	E	F	G	H	I	J
18.5 Max.	14.5 Max.	22.0 Max.	3.5±0.5	5.0±0.5	7.7±0.5	Φ1.0Typ.	7.7	5.0	Φ1.3

## Electrical Schematic



## Part Number Description

DCM06 - 1822 650 N  
 ① ② ③ ④

- ① Type
- ② Dimensions
- ③ Inductance value
- ④ Tolerance code

## Electrical Characteristic

Inductance (uH)	DCR (mΩ)	Rated Current (A)Max.	Rated Voltage Max.	Hi-Pot (Coil - Coil)
65±30%	13±10%	5.0	250V AC (50/60 Hz)	1500V AC 5mA/2S

- All test data referenced to 25°C ambient.
- Test frequency and voltage:100KHz,0.1Vrms.
- Rated current:The AC current at which the temperature rise is Δt of 40°C.

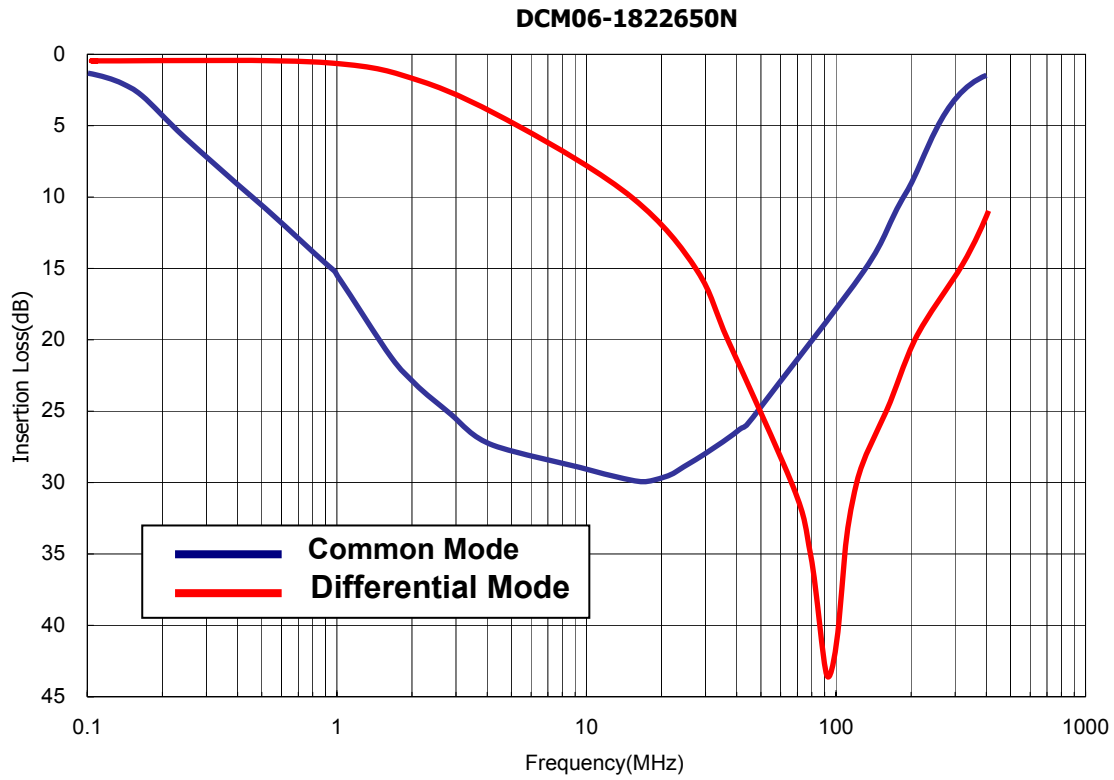
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## Characteristic Curve(Typical value)



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### Material List

No.	Materials	Description	Suppliers	UL No.
1	Core	Ferrite	ACME Electronics (Guangzhou) Co.,Ltd. or Equivalent	/
2	Wire	2UEW 155°C	PACIFIC Electric Wire&Cable(Shenzhen) Co.,Ltd. or Equivalent	E201757
3	Base	Phenolic T375J	Chang Chun Plastics Co.,Ltd. or Equivalent	E59481
4	Tin	Lead-free Sn99.9	Dongguan Thousand Island Metal Foil Co.,Ltd. or Equivalent	/
5	Glue	Epoxy	GUDAK Chemistry Tech(Dongguan)Co.,Ltd. or Equivalent	/
6	Spacer	FR4	Kingboard Laminates Holdings Co., Ltd. or Equivalent	E123995