

Revision and History

Part No.: SCMA04-1206501Y

Product code: TBD

Page: 1/4

| Rev. | Date | Revision Description | Checked | Approved |
|------|-------------|----------------------|------------|------------|
| A1 | Apr/16/2019 | Initial release. | Louise Liu | Cason Chen |

Spec Sheet

Part No.: SCMA04-1206501Y

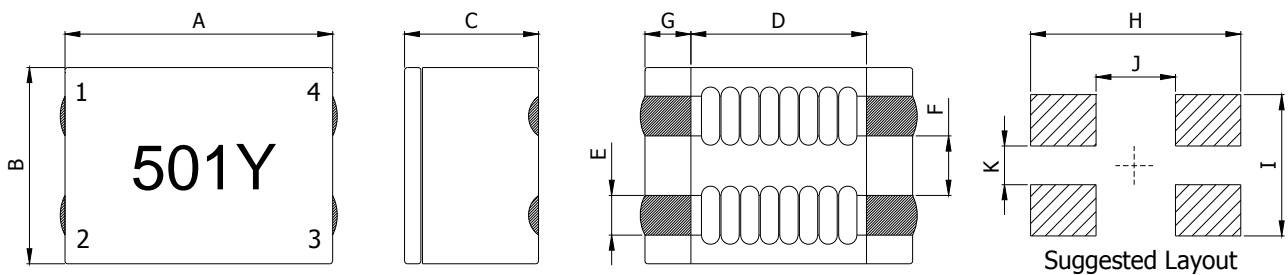
Product code: TBD

Page: 2/4

Features

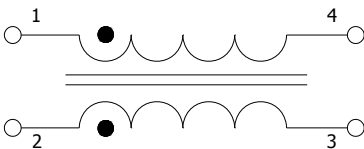
- Power line EMI Solutions
- Storage temperature range:-40°C to +125°C
- Operating temperature range:-40°C to +125°C
(including coil's self-temperature rise)
- Moisture sensitivity level:1
- Packaging:500pcs. Per 13-inch reel
- RoHS&Halogen-free compliance

Mechanical Dimension(Unit:mm)



| A | B | C | D | E | F | G | H | I | J | K |
|----------|----------|---------|---------|---------|---------|---------|------|-----|-----|-----|
| 12.0±0.5 | 10.8±0.5 | 6.5Max. | 7.0Typ. | 2.7±0.2 | 2.5±0.2 | 2.5±0.2 | 14.0 | 8.5 | 6.6 | 2.1 |

Electrical Schematic



Part Number Description

SCMA04 - 1206 501 Y

① ② ③ ④

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

Electrical Characteristic

| Impedance @100MHz(Ω) | Impedance @100MHz(Ω) | Rated Current (A)Max. | Rated Voltage (V)Max. | IR (MΩ)Min. | DCR (mΩ)Max. |
|-------------------------|-------------------------|--------------------------|--------------------------|----------------|-----------------|
| 500Min | 700Typ. | 8.0 | 80 | 10 | 6.0 |

■ All test data referenced to 25°C ambient.

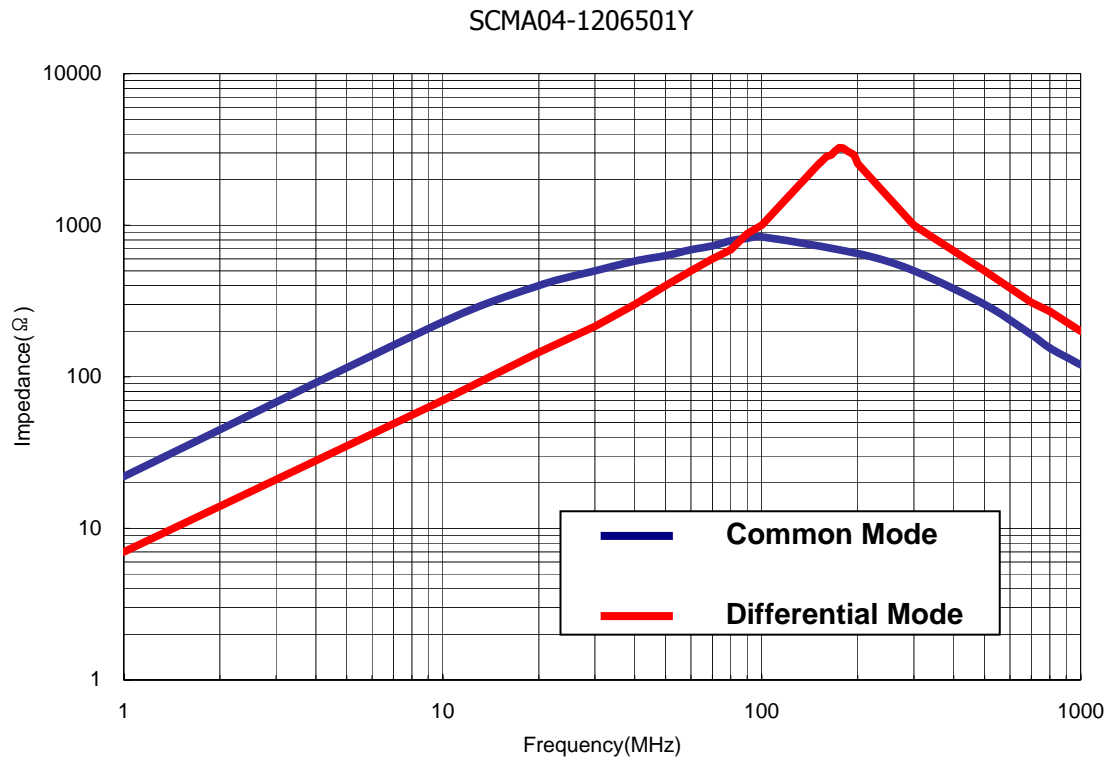
Spec Sheet

Part No.: SCMA04-1206501Y

Product code: TBD

Page: 3/4

Characteristic Curve



Spec Sheet

Part No.: SCMA04-1206501Y

Product code: TBD

Page: 4/4

Material List

| No. | Materials | Description | Suppliers | UL No. |
|-----|-----------|------------------|---|---------|
| 1 | Core | Ni-Zn Ferrite | FENGYIN Electronics(Guangzhou) Co., Ltd. or Equivalent | / |
| 2 | Wire | Glass H 180°C | PACIFIC Electric Wire&Cable(Shenzhen) Co.,Ltd. or Equivalent | E201757 |
| 3 | Tin | Lead-free Sn99.9 | Dongguan Thousand Island Metal Foil Co.,Ltd. or Equivalent | / |
| 4 | Glue | Epoxy | GUDAK Chemistry Tech(Dongguan)Co.,Ltd. or Equivalent | / |