

佛山市瑞铄电子科技有限公司

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SPECIFICATION FOR APPROVAL

| | | | |
|---------------|--------------------------------|------------------|------------|
| Customer Name | Electronics Sourcing Co., ltd | Rev | A |
| Description | Zero-Phase Current Transformer | Date | 09-10-2019 |
| R.S.Part No | ZT031-10A-HA | Customer Part No | |

Mechanical Dimensions(unit:mm)

| | | | |
|---|---------|--|--|
| A | 17±0.3 | | |
| B | 6.8MIN | | |
| C | 7.0±0.3 | | |
| D | 18±0.3 | | |
| E | 10±0.3 | | |
| F | 6±1 | | |
| G | 0.6±0.1 | | |

Electrical Characteristics

Test circuit

| No | Item | Specification | |
|----|--|---------------|--|
| 1 | Primary Current 50Hz /60Hz | 10A | |
| 2 | Primary Test Current(Io) 50Hz (N1) | 11.25mA | |
| 3 | Secondary Output Voltage At RL=1K0Ω (N2) | 8mV /min | |
| 4 | D.C.Resistance Max.at25 °C | 70Ω max | |
| 5 | Dielectric Withstanding Voltage | 2500V/1mA/1s | |
| 6 | Insulation resistance(500Vdc) | 100MΩ min | |

Material Specifications

| No | Item | Material |
|----|-------------|--------------|
| 1 | Core | NC-1014 |
| 2 | Wire | Φ0.08 2UEW |
| 3 | Terminals | 2*pinΦ0.6 |
| 4 | Encapsulant | Epoxy(black) |
| 5 | House/Case | PBT |

Remark:Storage Temp :-25°C~80°C, Unless requested, the 1-turn primary winding and the terminating resistor RL are not supplied.

Drawn by: 熊琴

Checked by: 邱富雄

Approved by: 陈小惠