

产品承认书

SPECIFICATION FOR APPROVAL

CUSTOMER: _____

CUSTOMER P/N: _____

CND-TEK P/N. : GA030G00

DESCRIPTION: SMD PULSE TRANSFORMER

REF NO: QTC-003

REV/NO: A/0

DATE: 2022/05/18

| | | | |
|-------------------------------------|---------------|-----------------|-----|
| ATTACHMENT: | | | |
| <input checked="" type="checkbox"/> | SPECIFICATION | | |
| <input checked="" type="checkbox"/> | SAMPLE | Q'TY OF SAMPLES | PCS |

| | √ | CUSTOMER'S SIGNATURE | REMARK |
|----------------------|---|----------------------|--------|
| FULL APPROVED | | | |
| CONDITIONAL APPROVED | | | |
| REJECTED | | | |

CND-TEK

GA030G00

SMD PULSE TRANSFORMER



V1.0.1
May 18,2022

CND-TEK

深圳磁联达电子有限公司

Shenzhen CND-TEK Electronics Co.,Ltd

公司地址: 深圳市南山区西丽镇街道百旺社区牛城村牛城路221号505

TEL: 86-755-29016433 FAX:86- 755-27652977

Email: sales2@cd-tek.com

Http: //www.cd-tek.com

1. FEATURES:

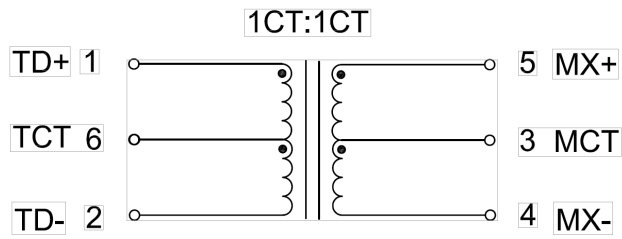
- 1.1 Meets IEEE 802.3at Standards.
- 1.2 Designed For 1.0G BASE-T Applications, Surface Mount Type.
- 1.3 Operating Temperature Range: -40 °C to +85 °C.
- 1.4 RoHS Compliant.

2. ELECTRICAL SPECIFICATIONS @25C°

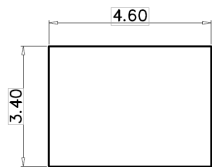
- 2.1 **Turns Ratio** ($\pm 5\%$): 1CT:1CT
- 2.2 **OCL(uH Min)** [100kHz/0.1V] With 10.BmA DC Bias : 350
- 2.3 **CWW(pF Max)**@100KHz,0.1V:45
- 2.4 **DCResistance (Ω) max:** 4.50
- 2.5 **Return Loss(dB Min):** -18@1-40MHz
-17+10*Log(F/40)@40-100MHz
- 2.6 **Insertion Loss (dB Max):** -1.0@1-100MHz
-1.2@100-125MHz
- 2.7 **HI-POT (Vrms):** 1500

| | | | |
|---|-------------|--------------|---------------------|
| DRAWN BY: | CHECKED BY: | APPROVED BY: | CUSTOMER: |
| zouwenqiang | Liyonghua | wangshengli | PART NO. : GA030G00 |
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| | | | PAGE: 3 OF 5 |

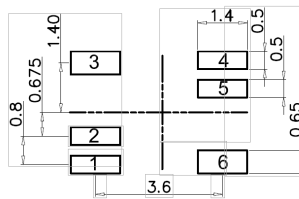
3. SCHEMATICS:



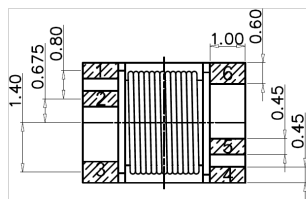
4. DIMENSIONS & MARKING:



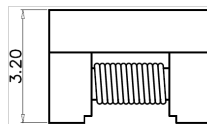
TOP VIEW



SUGGEST LAYOUT



BOTTOM VIEW



FRONT VIEW

Unless otherwise specified all tolerances are:±0.25 in mm

DRAWN BY:

CHECKED BY:

APPROVED BY:

CUSTOMER:

zouwenqiang

Liyonghua

wangshengli

PART NO. : GA030G00

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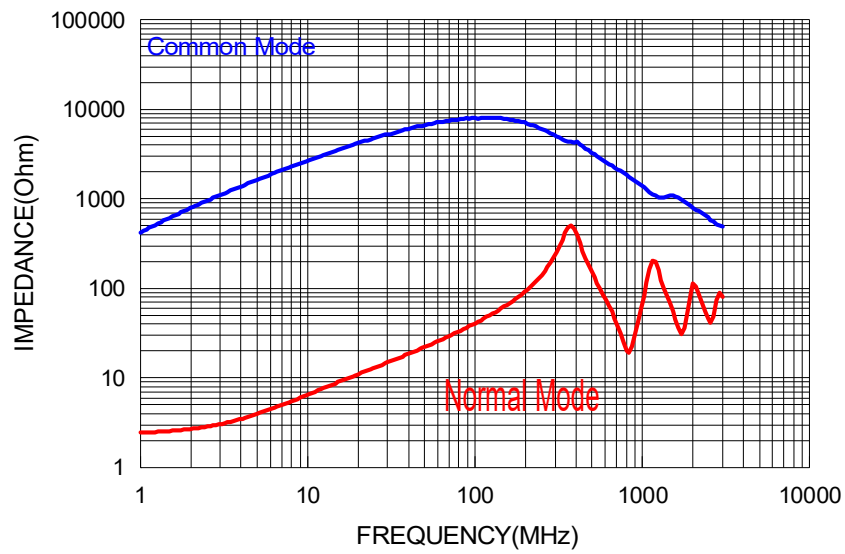
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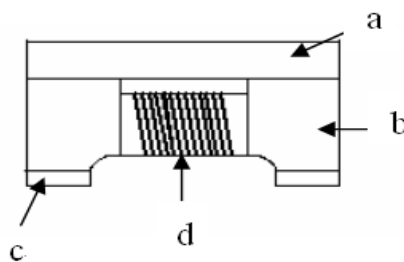
CND-QTC-003

5. Typical Impedance v.s. Frequency Curve:



6. Materials:

| No. | Description | Specification |
|-----|-------------|----------------------|
| a. | Upper Plate | Ferrite |
| b. | Core | Ferrite Core |
| c. | Termination | Tin (Pb Free) |
| d. | Wire | Enameled Copper Wire |



| | | | |
|---|-------------|--------------|---------------------------|
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