

# 产品承认书

## SPECIFICATION FOR APPROVAL

CUSTOMER: \_\_\_\_\_

CUSTOMER P/N: \_\_\_\_\_

CND-TEK P/N. : GA021G00

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			



**GA021G00**

**SMD PULSE TRANSFORMER**



V1.0.1  
May 18,2022



**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

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Http: //www.cd-tek.com

# 1. FEATURES:

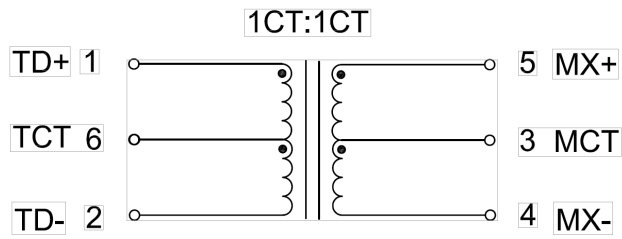
- 1.1 Meets IEEE 802.3at Standards.
- 1.2 Designed For 1.0G BASE-T Applications, Surface Mount Type.
- 1.3 Operating Temperature Range: -40 °C to +85 °C.
- 1.4 RoHS Compliant.
- 1.5 720mA Current Capability.

# 2. ELECTRICAL SPECIFICATIONS @25C°

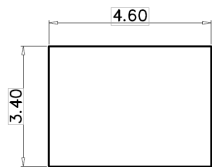
- 2.1 **Turns Ratio** ( $\pm 5\%$ ): 1CT:1CT
- 2.2 **OCL(uH Min)** [100kHz/0.1V] With 10.BmA DC Bias : 120
- 2.3 **CWW(pF Max)**@100KHz,0.1V:35
- 2.4 **DCResistance ( $\Omega$ ) max:** 1.20
- 2.5 **Return Loss(dB Min):** -18@0.5-40MHz  
-12+10\*Log(F/80)@40-100MHz
- 2.6 **Insertion Loss (dB Max):** -1.0@1-100MHz
- 2.7 **HI-POT (Vrms):** 1500

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zouwenqiang	Liyonghua	wangshengli	PART NO. : GA021G00
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			PAGE: 3 OF 5

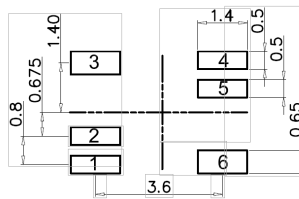
### 3. SCHEMATICS:



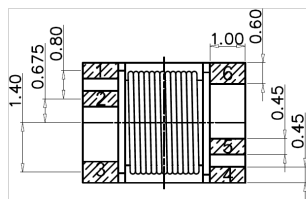
### 4. DIMENSIONS & MARKING:



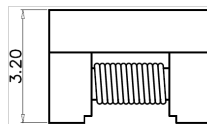
TOP VIEW



SUGGEST LAYOUT



BOTTOM VIEW



FRONT VIEW

Unless otherwise specified all tolerances are:±0.25 in mm

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APPROVED BY:

CUSTOMER:

zouwenqiang

Liyonghua

wangshengli

PART NO. :GA021G00

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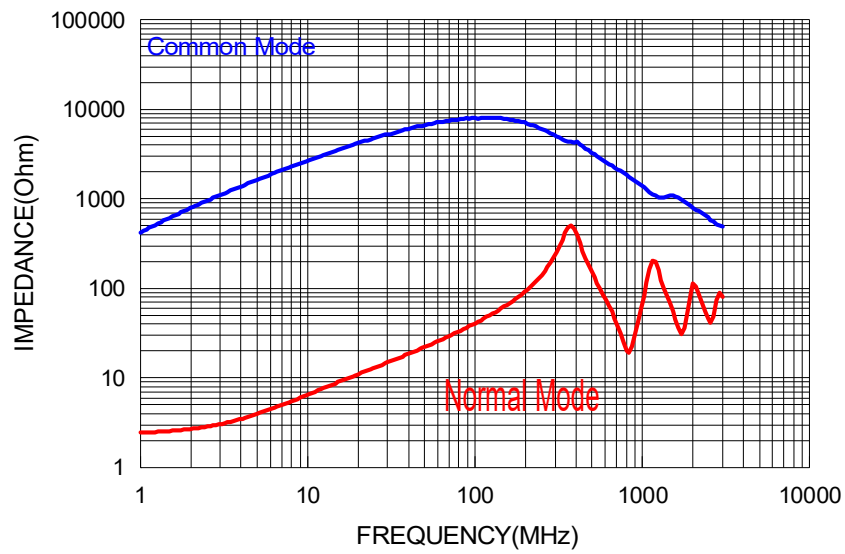
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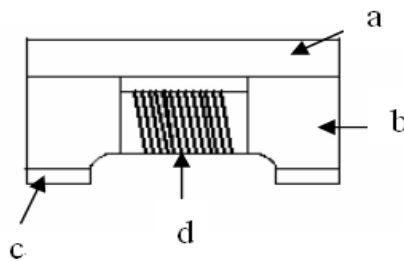
CND-QTC-003

## 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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