

产品承认书

SPECIFICATION FOR APPROVAL

CUSTOMER:	
CUSTOMER P/N:	
CND-TEK P/N. :	FA040G00
DESCRIPTION:	SMD PULSE TRANSFORMER
REF NO:	QTC-003
REV/NO:	A/0
DATE:	2022/05/18

ATTACHMENT:			
■	SPECIFICATION		
■	SAMPLE	Q'TY OF SAMPLES	PCS

	√	CUSTOMER'S SIGNATURE	REMARK
FULL APPROVED			
CONDITIONAL APPROVED			
REJECTED			



FA040G00

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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1. FEATURES:

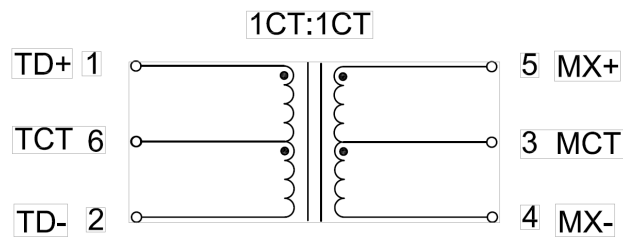
- 1.1 Meets IEEE 802.3at Standards.
- 1.2 Designed For 5G BASE-T Applications, Surface Mount Type.
- 1.3 Operating Temperature Range: -40 °C to +85 °C.
- 1.4 RoHS Compliant.

2.ELECTRICAL SPECIFICATIONS @25C°

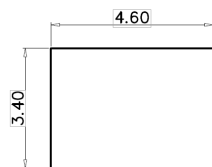
- 2.1 Turns Ratio (±5%): 1CT:1CT
- 2.2 OCL(uH Min) [100kHz/0.1V] With 10.BmA DC Bias : 180
- 2.3 CWW(pF Max)@100KHz,0.1V:35
- 2.4 DCResistance (Ω) max: 2.0
- 2.5 Return Loss(dB Min): -23@1-40MHz
-23+10*Log(F/40)@40-250MHz
- 2.6 Insertion Loss (dB Max): -0.5@1-50MHz
-1.0@50-125MHz
-2.0@125-250MHz
- 2.7 HI-POT (Vrms): 1500

DRAWN BY:	CHECKED BY:	APPROVED BY:	CUSTOMER:
zouwenqiang	Liyonghua	wangshengli	PART NO. : FA040G00
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			PAGE: 3 OF 5

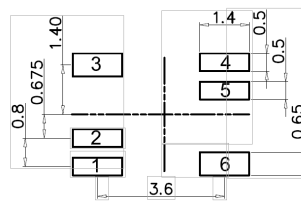
3. SCHEMATICS:



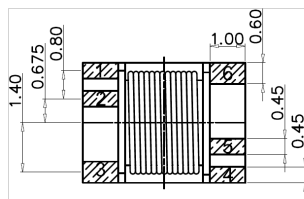
4. DIMENSIONS & MARKING:



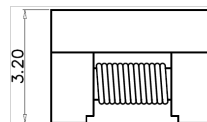
TOP VIEW



SUGGEST LAYOUT



BOTTOM VIEW



FRONT VIEW

Unless otherwise specified all tolerances are:±0.25 in mm

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zouwenqiang

Liyonghua

wangshengli

PART NO. :FA040G00

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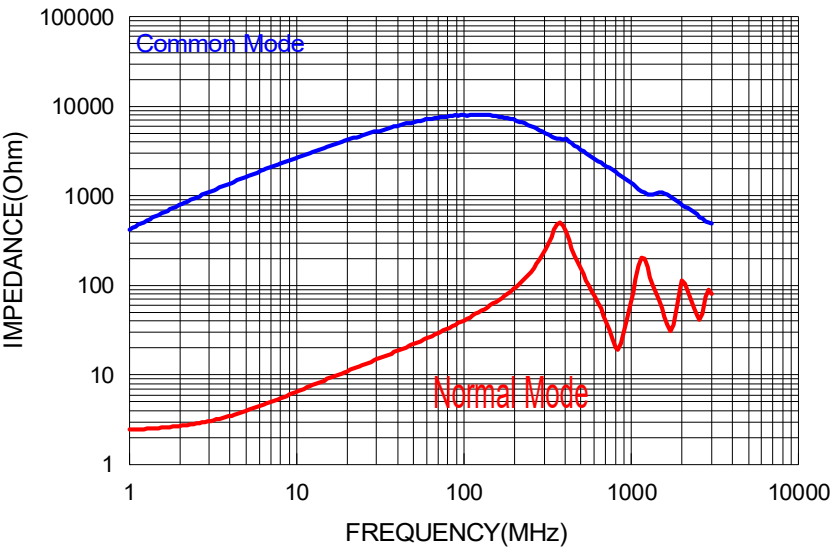
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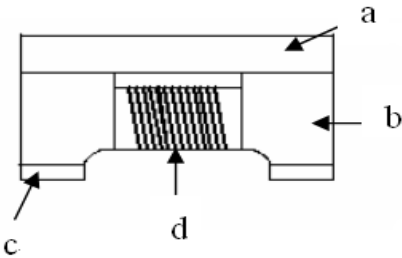
CND-QTC-003

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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