

产品承认书

SPECIFICATION FOR APPROVAL

CUSTOMER: _____

CUSTOMER P/N: _____

CND-TEK P/N. : MA021G00

DESCRIPTION: SMD PULSE TRANSFORMER

REF NO: QTC-003

REV/NO: A/1

DATE: 2023/09/18

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

MA021G00

SMD PULSE TRANSFORMER



V1.0.2 SEP 18,2023

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:

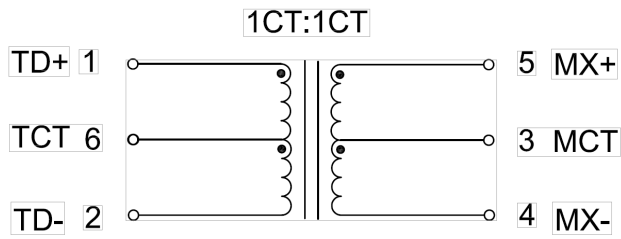
- 1.1 Meets IEEE 802.3an Standards.
- 1.2 Designed For 10G BASE-T Applications, Surface Mount Type.
- 1.3 Operating Temperature Range: -40 °C to +85 °C.
- 1.4 RoHS Compliant.
- 1.5 720mA Capability

2. ELECTRICAL SPECIFICATIONS @25C°

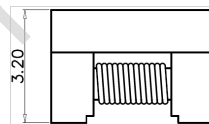
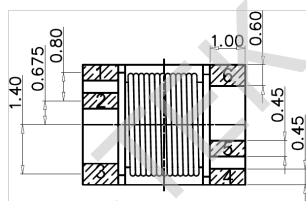
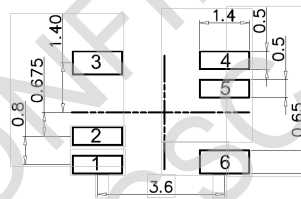
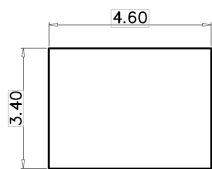
- 2.1 Turns Ratio ($\pm 5\%$): 1CT:1CT
- 2.2 OCL($\mu\text{H Min}$) [100kHz/0.1V] With 10.8mA DC Bias : 120
- 2.3 CWW(pF Max)@100KHz,0.1V:35
- 2.4 DC Resistance (Ω) max: 1.20
- 2.5 Return Loss(dB Min):
 - 20.5@1-100MHz
 - 20.5+20.75*Log(F/40)@100-200MHz
 - 12@200-300MHz
 - 9.5@300-400MHz
 - 7.5@400-500MHz
- 2.6 Insertion Loss (dB Max):
 - 0.5@1-65MHz
 - 0.8@65-125MHz
 - 2.0@125-400MHz
 - 4.5@400-500MHz
- 2.7 HI-POT (Vrms): 1500

DRAWN BY:	CHECKED BY:	APPROVED BY:	CUSTOMER:
zouwenqiang	Liyonghua	wangshengli	PART NO. : MA021G00
 深圳磁联达电子有限公司			REV. : A1
			PAGE: 3 OF 5

3. SCHEMATICS:



4. DIMENSIONS & MARKING:



Unless otherwise specified all tolerances are:±0.25 in mm

DRAWN BY:

CHECKED BY:

APPROVED BY:

CUSTOMER:

zouwenqiang

Liyonghua

wangshengli

PART NO. :MA021G00

CND-TEK

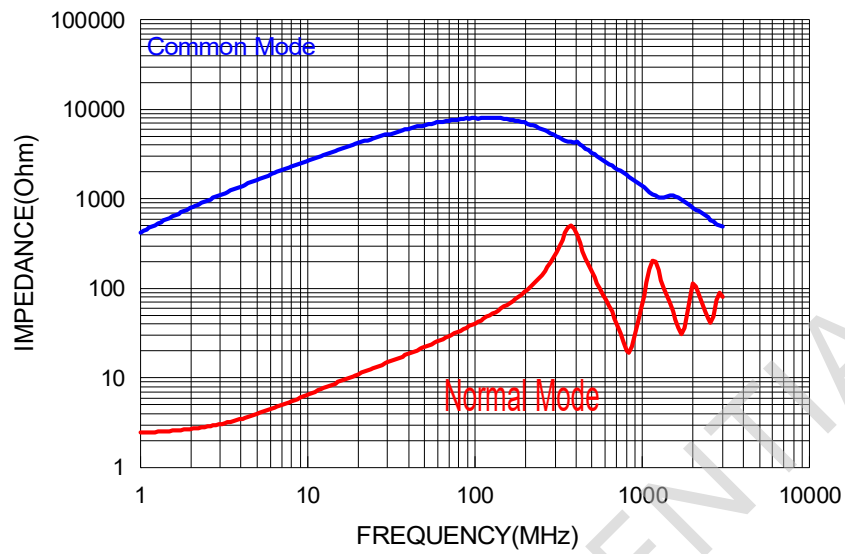
深圳磁联达电子有限公司

REV.: A1

PAGE: 4 OF 5

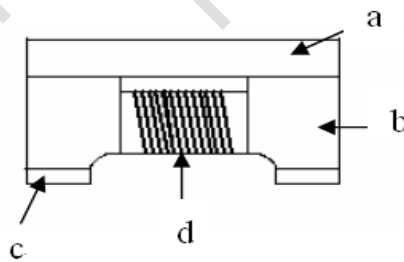
CND-QTC-003

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



DRAWN BY:	CHECKED BY:	APPROVED BY:	CUSTOMER:
zouwenqiang	Liyonghua	wangshengli	PART NO. : MA021G00
 深圳磁联达电子有限公司			REV. : A1 PAGE: 5 OF 5