

H



F



D



B



G



E



C



A

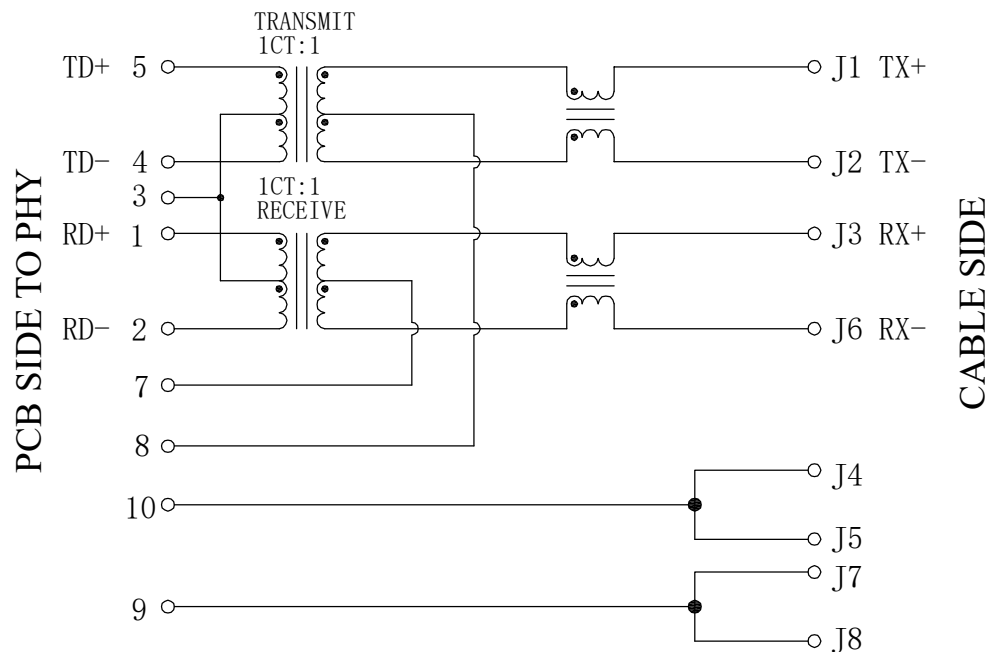
东莞市科优达电子科技有限公司
Dong Guan Ke You Da Electronic Tech.Co.,Ltd

DESIGND BY:	ZG HU
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A

REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2017.10.18



Electrical:

- Turn ratio:1~3:J1~J2=1CT:1CT($\pm 2\%$).
4~5:J3~J6=1CT:1CT($\pm 2\%$).
- OCL:350uH Min. @ 100KHz 100mV
RMS(4Channel) 8mA DC BIAS.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;
-1 6dB Min 10~30MHz.
-1 2dB Min 30~60MHz.
-10dB Min 60 ~80MHz.
- Cross talk: -40dB Min 1 ~30MHz;
-35dB Min 30 ~60MHz;
-30dB Min 60 ~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot:500V AC 6S 1mA
- Single port magnetic jack POE magnetics acc.
To IEEE802.3af for PSE or PD applications.
- 100% of production tested to comply with
IEEE 802.3 isolation equirements balanced DC
line current 350mA max. 57V DC continuous.

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V

DGKYD

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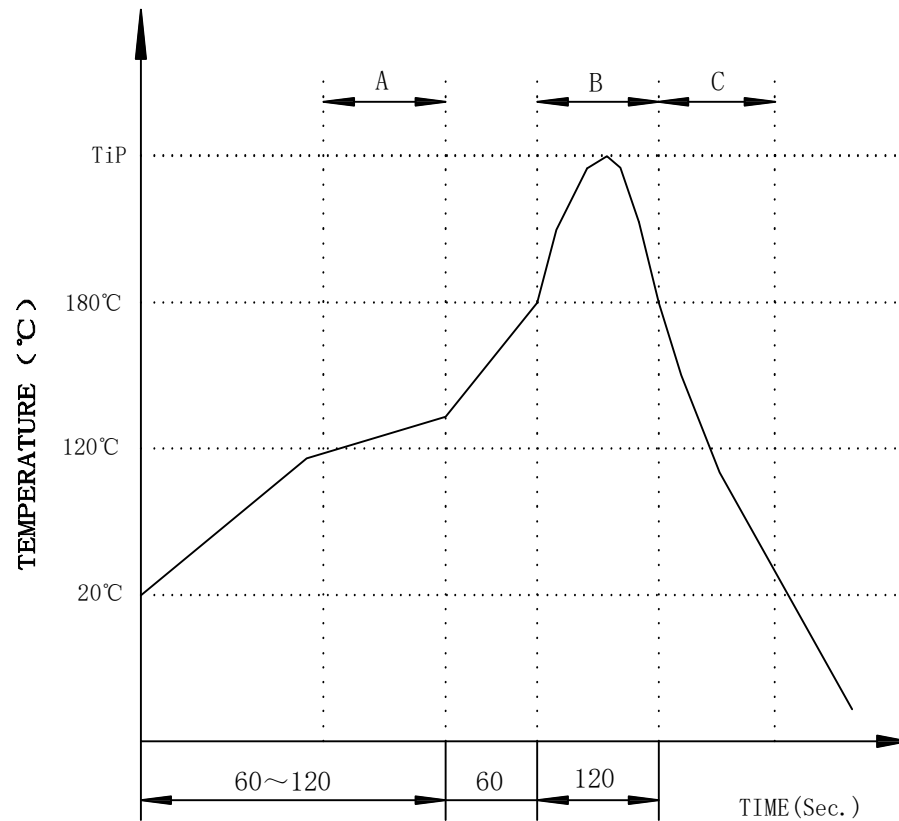
ADD :No.1 LiHe Street,LiHeng Village,Qingxi town, DongGuan City,GuangDong Province
Tel:+86-0769-87334608; Fax:+86-0769-87847129 WWW.DGKYD.COM

TITLE: TAB-UP 1X1 100BASE POE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
PART NO.: DGKYD211B553CA2A4DP	SACLE 1:1	REV A1	x ± 0.35	x $^{\circ} \pm 3.0^{\circ}$	CHECKED BY: TW.XU
REMARK:	SHEET 2/3		.xx ± 0.25	.xx $^{\circ} \pm 1.5^{\circ}$	DESIGND BY: ZG.Hu
			.xxx ± 0.10	.xxx $^{\circ} \pm 1.0^{\circ}$	

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PROFILE OF WAVE SOLDER

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A.Preheating B.Soldering C.Gradual Cooling
Tip temperature:260±5°C.
Tip temperature time:5Sec Max.
Tip melting point of Sn96.5/Ag3/Cu0.5:217°C.

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.

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PART NO.: DGKYD211B553CA2A4DP	SACLE 1:1	REV A1	x±0.35	x°±3.0°	CHECKED BY: TW.XU
REMARK:	SHEET 3/3		.xx±0.25	.xx°±1.5°	
			.xxx±0.10	.xxx°±1.0°	DESIGND BY: ZG.Hu