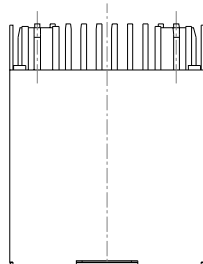
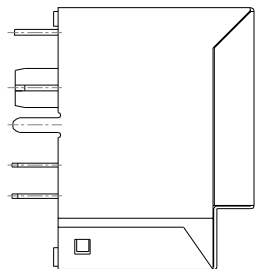


REACH & RoHS
COMPLIANT

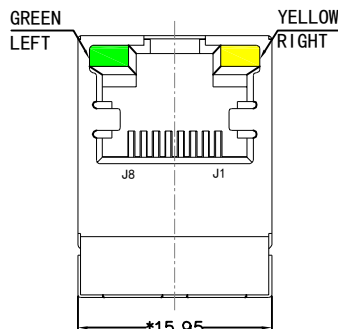
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.Qu	2018.06.25



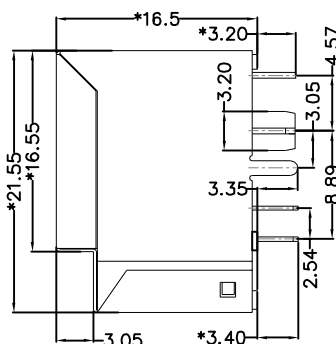
TOP VIEW



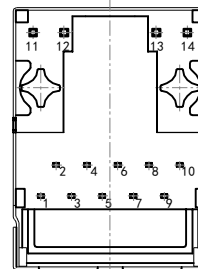
LEFT SIDE VIEW



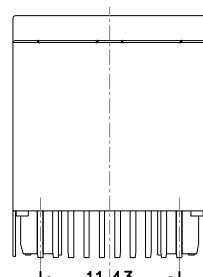
FRONT VIEW



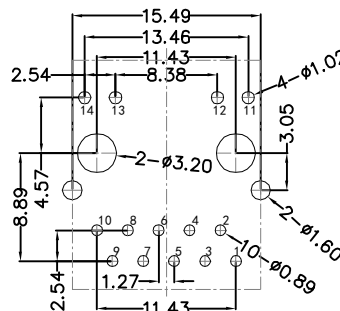
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: PBT,UL94V-0,BLACK.

TERMINALS BRACKET: PBT,UL94V-0,BLACK.

SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.

TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:

DURABILITY: 750 CYCLES MIN.

MATING FORCE : 23N MAX.

OPERATING TEMPERATURE: -40°C~+85°C.

STORAGE TEMPERATURE: -40°C~+85°C.

ALL CRITICAL DIMENSIONS WITH "*"

DGKYD

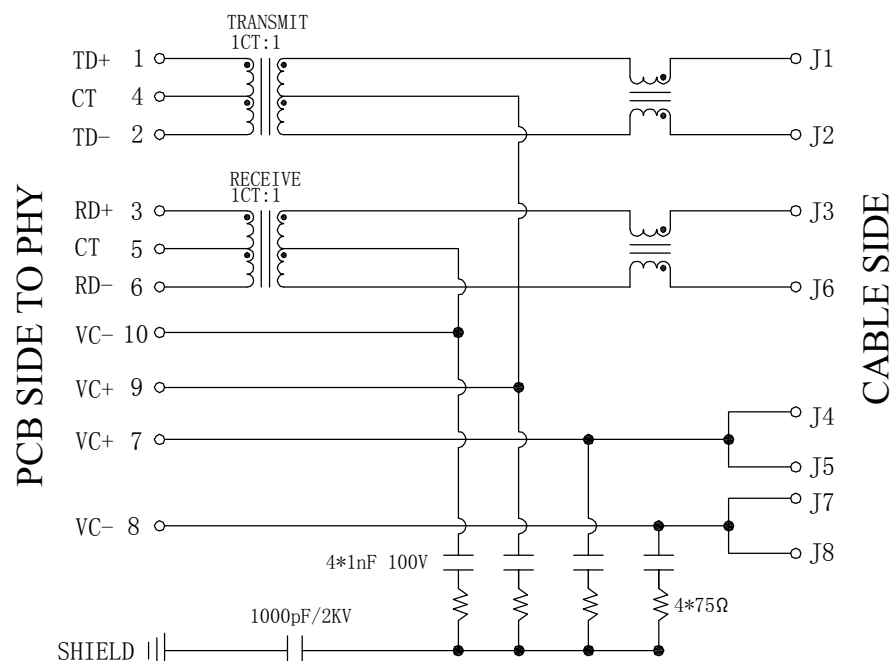
东莞市科优达电子科技有限公司
Dong Guan Ke You Da Electronic Tech.Co.,Ltd

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.: DGKYD511B207AB2A1DP068- 带缺口	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.Xu
REMARK:	SHEET 1/3		.x±0.30	.x°±2.0°	DESIGND BY: MQ.Qu
			.xx±0.25	.xx°±1.5°	
			.xxx±0.10	.xxx°±1.0°	

REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.Qu	2018.06.25

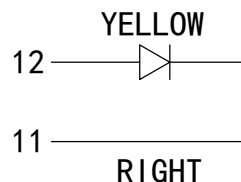
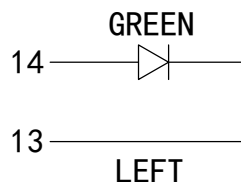


Electrical:

- Turn ratio: 1~2: J1~J2=1CT:1CT($\pm 2\%$).
3~6: J3~J6=1CT:1CT($\pm 2\%$).
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;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- CMR: -35dB Min 1~100MHz;
- Hi-Pot: 1500V AC & 2250V DC 6S 1mA PRI TO SEC
To IEEE802.3af for PSE or PD applications.
- 100% of production tested to comply with
IEEE 802.3 isolation requirements balanced DC
line current 350mA max. @44~57V 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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TITLE:
TAB-UP 1X1 100BASE POE

PART NO.:
DGKYD511B207AB2A1DP068-带缺口

REMARK:

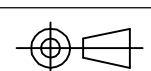
SIZE
A4

SACLE
1:1

SHEET
2/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x ± 0.35	x $^{\circ} \pm 3.0^{\circ}$
.x ± 0.30	.x $^{\circ} \pm 2.0^{\circ}$
.xx ± 0.25	.xx $^{\circ} \pm 1.5^{\circ}$
.xxx ± 0.10	.xxx $^{\circ} \pm 1.0^{\circ}$

APPROVED BY:
JP.Gong

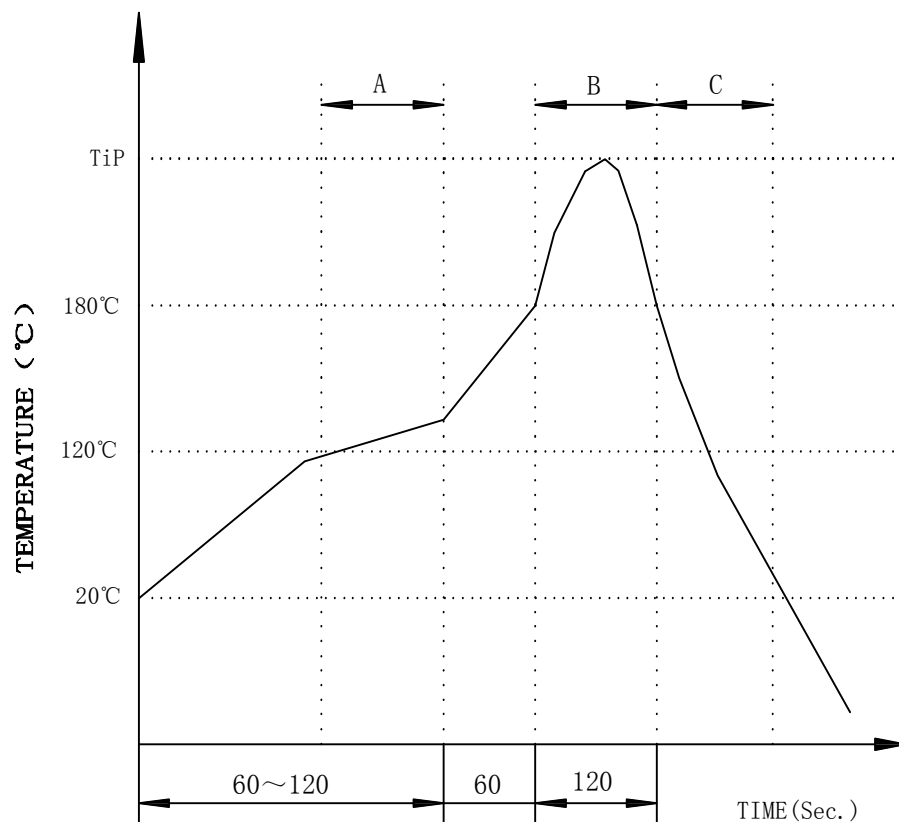
CHECKED BY:
TW.Xu

DESIGND BY:
MQ.Qu

REACH & RoHS
COMPLIANT

PROFILE OF WAVE SOLDER

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.Qu	2018.06.25



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.

DGKYD

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TITLE:
TAB-UP 1X1 100BASE POE

PART NO.:
DGKYD511B207AB2A1DP068-带缺口

REMARK:

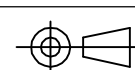
SIZE
A4

SACLE
1:1

SHEET
3/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35	x°±3.0°
.xx±0.30	.x°±2.0°
.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°

APPROVED BY:
JP.Gong

CHECKED BY:
TW.Xu

DESIGND BY:
MQ.Qu