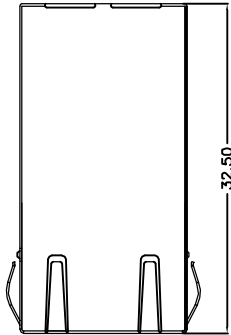
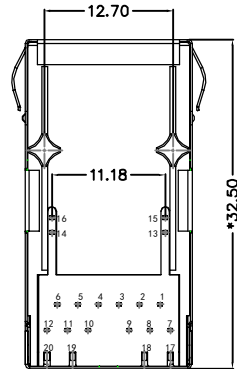


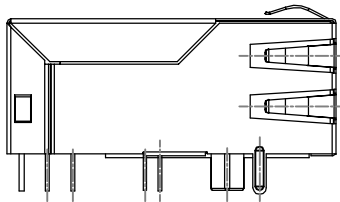
REV.	LOCAS.	DESCRIPTION	DATE	DRAWN
01		INITIAL RELEASE.	2020.07.06	



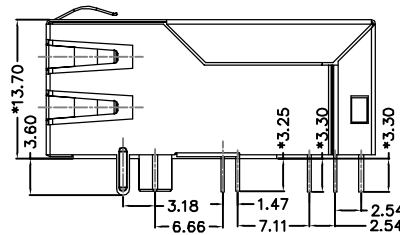
TOP VIEW



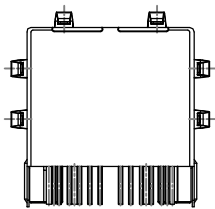
BOTTOM VIEW



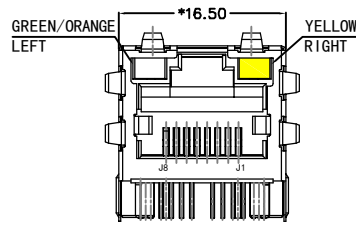
LEFT SIDE VIEW



RIGHT SIDE VIEW



BACK VIEW



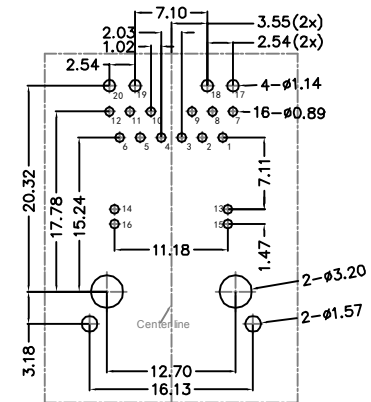
FRONT VIEW

**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 "\*"



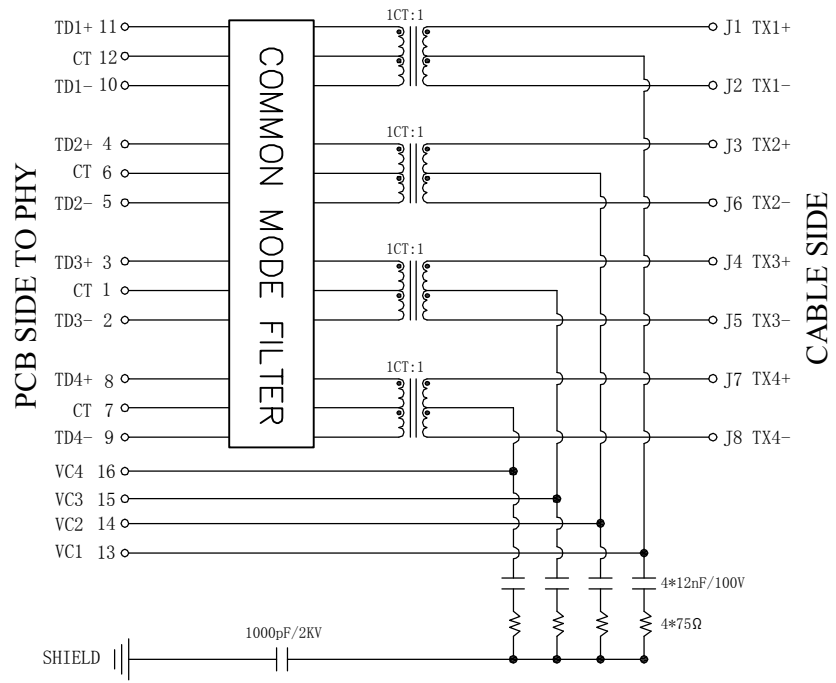
RECOMMENDED PCB LAYOUT  
 VIEWED FROM COMPONENT SIDE



PART NO.	411Q199DF5A1DP	DRAWN	MARK
DWG NO.		CHECK	JOHN
TOLERANCE	X.±0.35 .X±0.30	APPROVE	MELODY

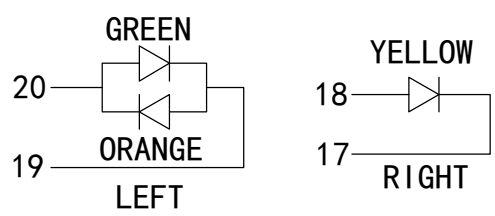
TITLE:	REV. A0	.XX±0.25 .XXX±0.10	SCALE 1:1	UNIT mm	NO	DESCRIPTION
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REV.	LOCAS.	DESCRIPTION	DATE	DRAWN
01		INITIAL RELEASE.	2020.07.06	



**Electrical:**

- Turn ratio: 11~10: J1~J2=1CT:1CT(±2%).  
4~5: J3~J6=1CT:1CT(±2%).  
3~2: J4~J5=1CT:1CT(±2%).  
8~9: J7~J8=1CT:1CT(±2%).
- OCL: 350uH Min. @ 100KHz 100mV  
RMS(4Channel) 15 mA DC BIAS.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -18dB Min 1~30MHz;  
-14dB Min 30~60MHz.  
-1.2dB Min 60~80MHz.  
-10dB Min 80~100MHz.
- Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 1500V AC & 2250V DC 6S 1mA PRI TO SEC
- Single port magnetic jack POE magnetics acc.  
To IEEE802.3bt for PSE or PD applications.
- 100% of production tested to comply with  
IEEE 802.3 isolation requirements balanced DC line  
current 720mA max. @57V DC continuous.



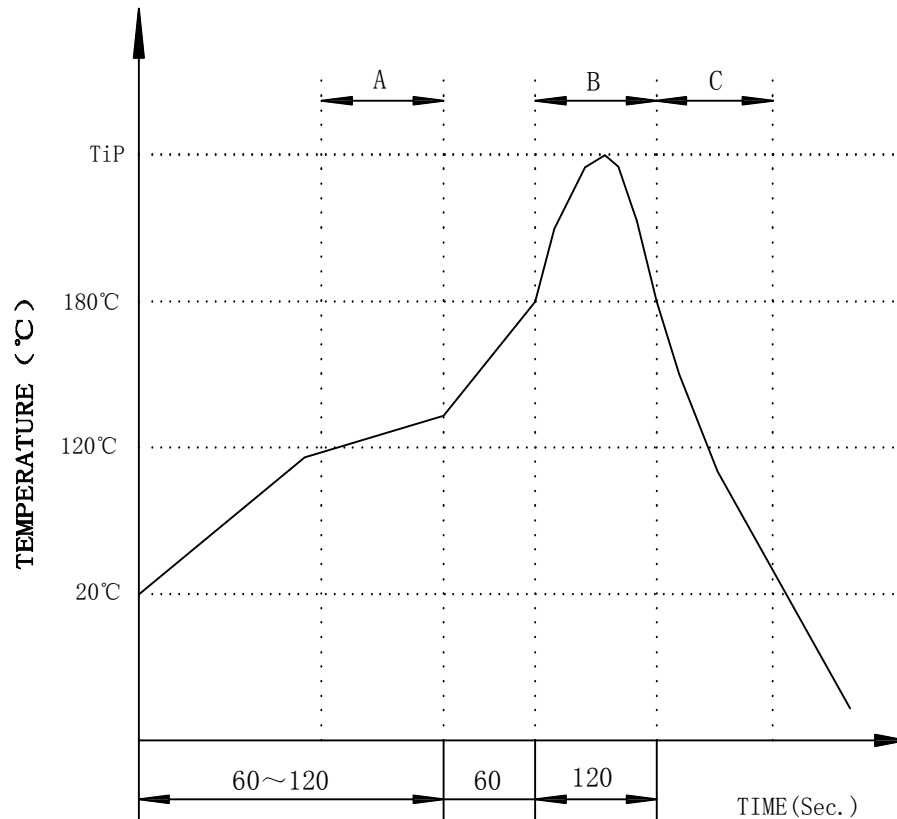
**LED Specification**

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

<p>TEL: +86 0755 27801940 Mob: +86 15889397634 www.techedom.com</p>	PART NO.	411Q199DF5A1DP	DRAWN	MARK		
	DWG NO.		CHECK	JOHN		
	TOLERANCE	X.±0.35 .X±0.30	APPROVE	MELODY		
TITLE:	REV. A0	.XX±0.20 .XXX±0.10	SCALE 1:1	UNIT mm	NO	DESCRIPTION

REV.	LOCAS.	DESCRIPTION	DATE	DRAWN
01		INITIAL RELEASE.	2020.07.06	

# PROFILE OF WAVE SOLDER



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.



PART NO.	411Q199DF5A1DP	DRAWN	MARK
DWG NO.		CHECK	JOHN
TOLERANCE	X.±0.35 .X±0.30	APPROVE	MELODY
TITLE:	REV. A0	.XX±0.20 .XXX±0.10	SCALE 1:1 UNIT mm NO DESCRIPTION