

REACH & RoHS
COMPLIANT

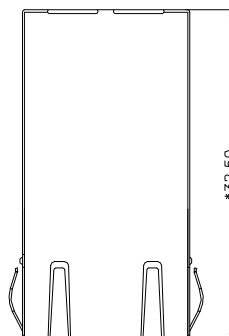
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.QU	2018.01.16

MATERIAL:

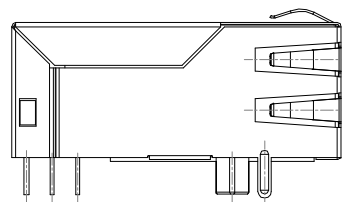
HOUSING: PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:

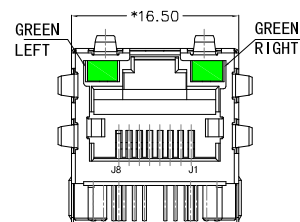
DURABILITY: 750 CYCLES MIN.
MATING FORCE: 23N MAX.
OPERATING TEMPERATURE: -40°C~+85°C.
STORAGE TEMPERATURE: -40°C~+85°C.
ALL CRITICAL DIMENSIONS WITH "※"



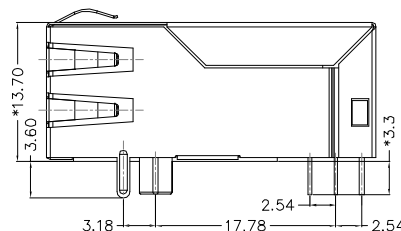
TOP VIEW



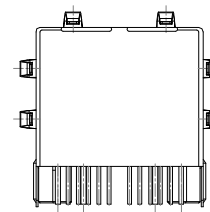
LEFT SIDE VIEW



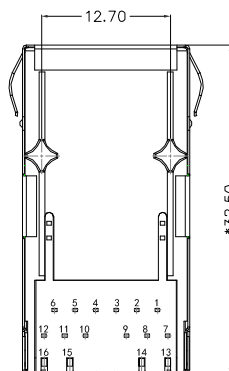
FRONT VIEW



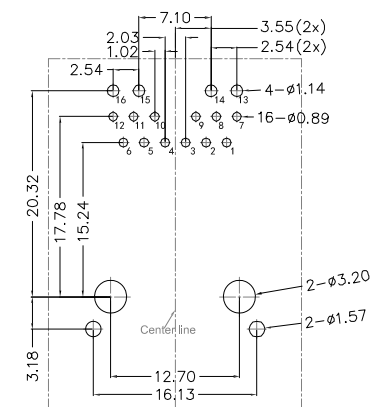
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE



东莞市涪程电子科技有限公司
DONG GUAN FU CHENG ELECTRONIC TECHNOLOGY Co., LTD

TITLE:

TAB-UP 1X1 10/100/1000BASE

SIZE

A4

UNITS

MM[INCH]

GENERAL TOLERANCES

UNLESS SPECIFIED

APPROVED BY:

JP.Gong

PART NO.:

FCRJ45-411Q082DB3A1D

SACLE

1:1

REV

A0

x±0.35

x°±3.0°

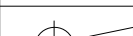
CHECKED BY:

TW.Xu

REMARK:

SHEET

1/1



.xx±0.25

.xx°±1.5°

DESIGND BY:

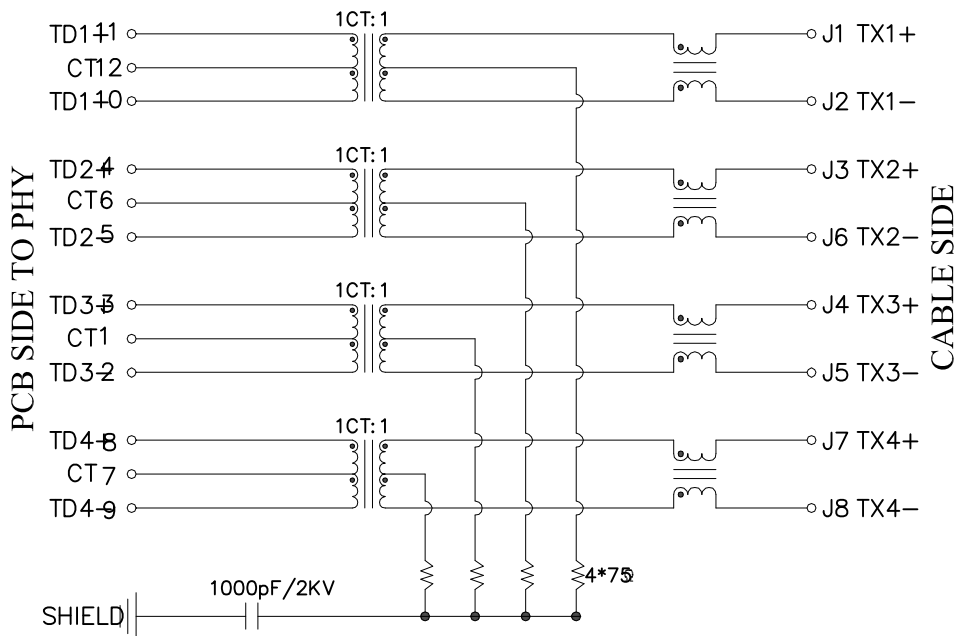
MQ.Qu

.xxx±0.10

.xxx°±1.0°

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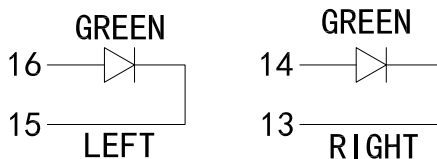


Electrical:

- Turn ratio: 11~10: J1~J2=1CT:1CT($\pm 2\%$).
4~5: J3~J6=1CT:1CT($\pm 2\%$).
3~2: J4~J5=1CT:1CT($\pm 2\%$).
8~9: J7~J8=1CT:1CT($\pm 2\%$).
- OCL: 350uH Min.at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -18dB Min 1~30MHz;
-14dB Min 30~60MHz.
-12dB 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: 2250V DC 6S 1mA PRI TO SEC

LED Specification

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



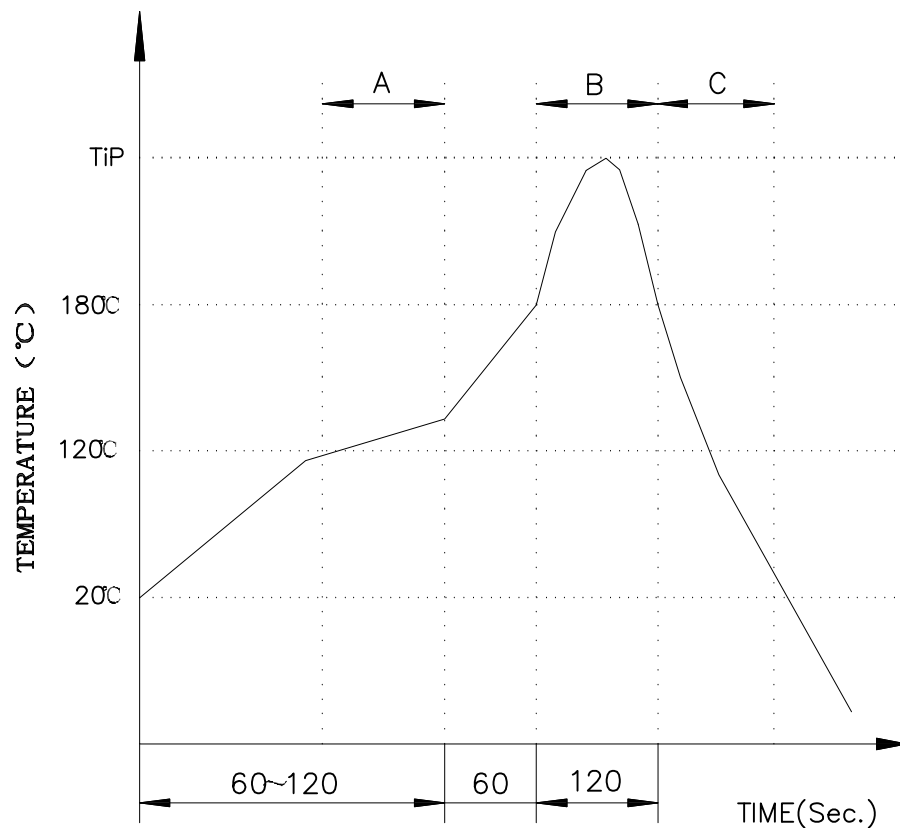
东莞市涪程电子科技有限公司
DONG GUAN FU CHENG ELECTRONIC TECHNOLOGY Co., LTD

TITLE: TAB-UP 1X1 10/100/1000BASE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
			.xx $\pm$ 0.35	x $^{\circ}$ $\pm$ 3.0 $^{\circ}$	CHECKED BY: TW.Xu
PART NO.: FCRJ45-411Q082DB3A1D	SACLE 1:1	REV A0	.xx $\pm$ 0.30	.x $^{\circ}$ $\pm$ 2.0 $^{\circ}$	DESIGN BY: MQ.Qu
REMARK:	SHEET 1/1		.xx $\pm$ 0.25	.xx $^{\circ}$ $\pm$ 1.5 $^{\circ}$	
			.xxx $\pm$ 0.10	.xxx $^{\circ}$ $\pm$ 1.0 $^{\circ}$	

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COMPLIANT

PROFILE OF WAVE SOLDER

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.QU	2018.01.16



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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TITLE:
TAB-UP 1X1 10/100/1000BASE

PART NO.:
FCRJ45-411Q082DB3A1D

REMARK:

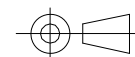
SIZE
A4

SACLE
1:1

SHEET
1/1

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35	x°±3.0°
.x±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