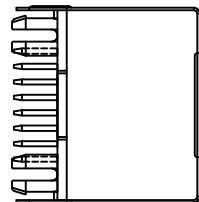


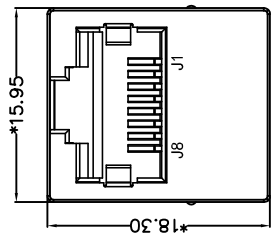
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.Qu	2018.03.19

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.

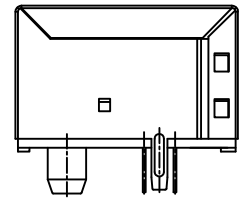
MECHANICAL:
 DURABILITY: 750 CYCLES MIN.
 MATING FORCE: 23N MAX.
 OPERATING TEMPERATURE: -40°C~+85°C.
 STORAGE TEMPERATURE: -40°C~+85°C.
 ALL CRITICAL DIMENSIONS WITH "*"



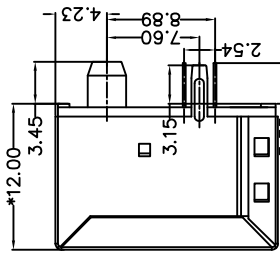
TOP VIEW



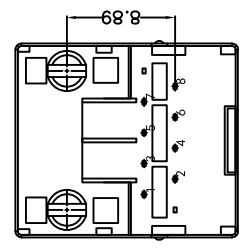
FRONT VIEW



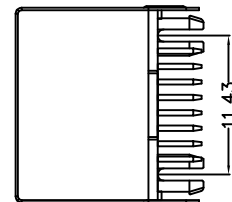
LEFT SIDE VIEW



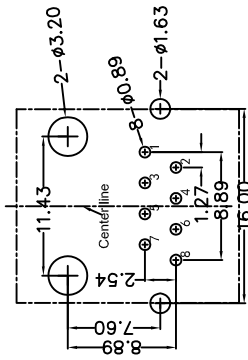
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
 VIEWED FROM COMPONENT SIDE

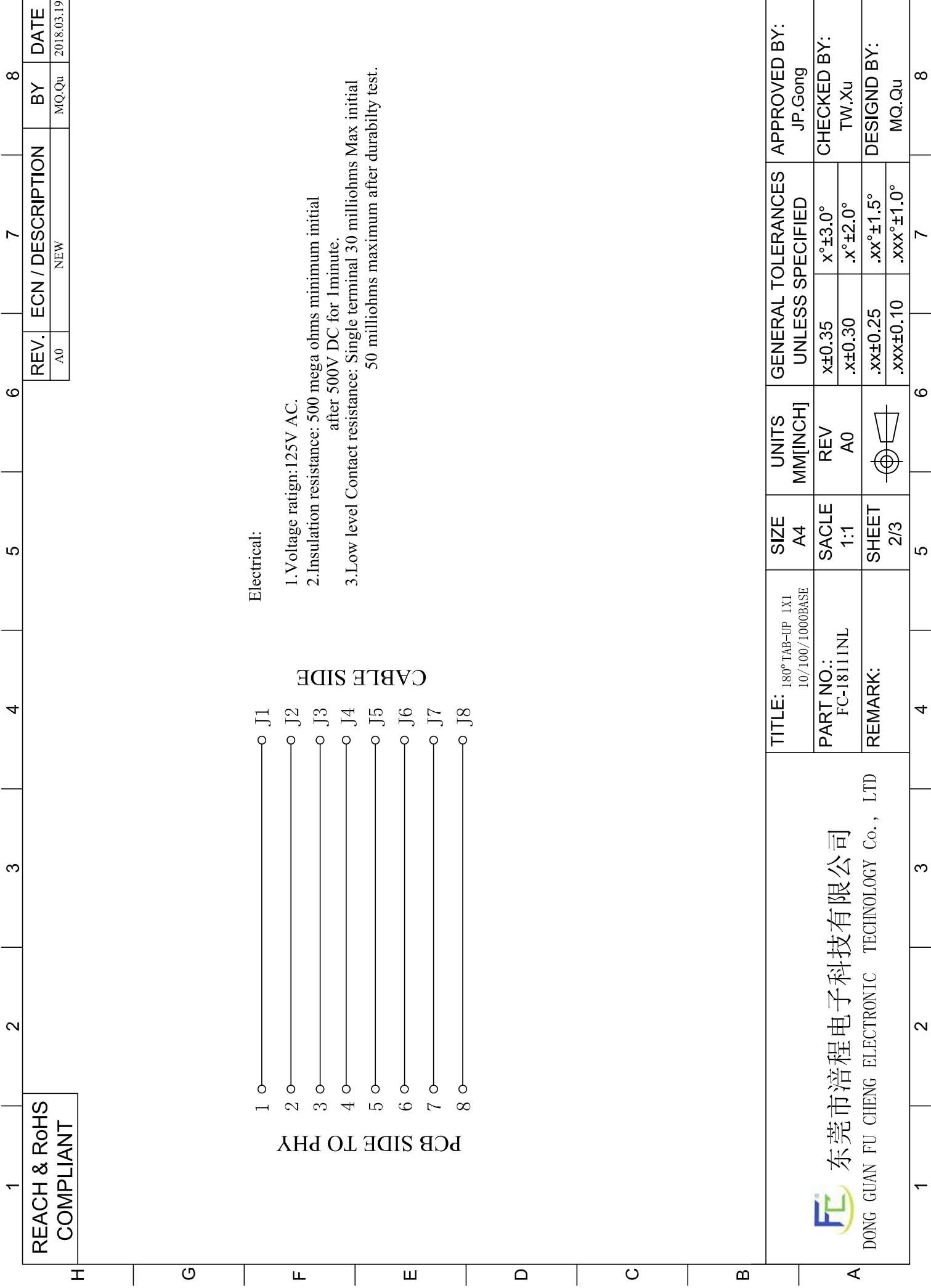
TITLE:	180° TAB-UP 1X1 10/100/1000BASE	SIZE	A4	UNITS	MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED	APPROVED BY:
	PART NO.: FC-18111NL	SACLE	1:1	REV	A0	x±0.35 .x°±3.0°	JP.Gong
REMARK:		SHEET	1/3			.x±0.30 .x°±2.0°	CHECKED BY:
						.xx±0.25 .xxx±1.0°	TW.Xu
						.xxx±0.10 .xxx°±1.0°	DESIGND BY:
							MQ.Qu

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REACH & RoHS
 COMPLIANT

1 2 3 4 5 6 7 8

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.Qu	2018.03.19



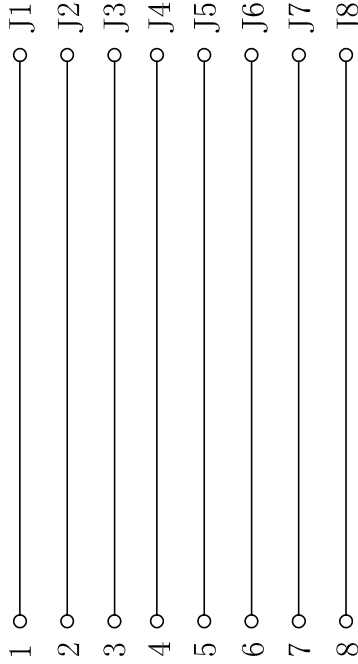
Electrical:

- 1.Voltage ratiagn:125V AC.
- 2.Insulation resistance: 500 mega ohms minimum initial after 500V DC for 1minute.
- 3.Low level Contact resistance: Single terminal 30 milliohms Max initial 50 milliohms maximum after durability test.

REACH & RoHS
COMPLIANT

PCB SIDE TO PHY

CABLE SIDE



TITLE: 180° TAB-UP 1X1 10/100/1000BASE	SIZE	UNITS	GENERAL TOLERANCES	APPROVED BY:
	A4	MM[INCH]	UNLESS SPECIFIED	JP.Gong
	SACLE 1:1	REV A0	x±0.35 .x°±3.0° .x±0.30 .x°±2.0°	CHECKED BY: TW.Xu
PART NO.: FC-1811INL	SHEET		.xx±0.25 .xxx±0.10	DESIGN BY: MQ.Qu
	2/3		.xx°±1.5° .xxx°±1.0°	
REMARK:				

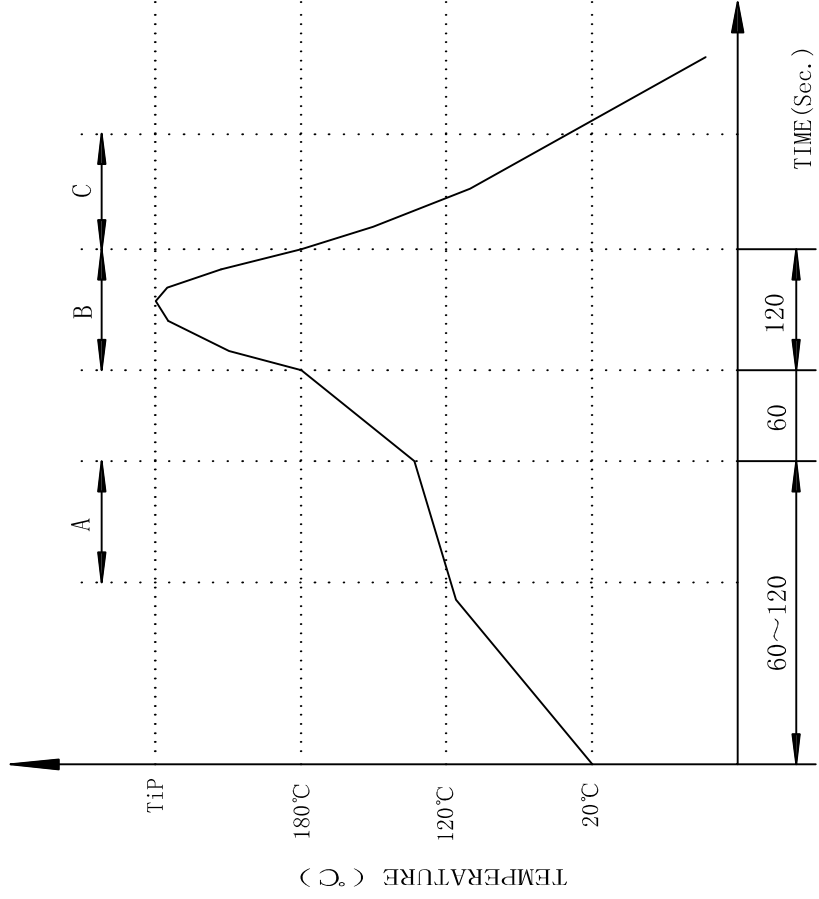
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H G F E D C B A

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PROFILE OF WAVE SOLDER

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.Qu	2018.03.19



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.

A	TITLE:	180° TAB-UP 1X1 10/100/1000BASE	SIZE	A4	UNITS	MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED	APPROVED BY:	JP.Gong
	PART NO.:	FC-18111NL	SACLE	1:1	REV	A0	x±0.35 .x±0.30	CHECKED BY:	TW.Xu
	REMARK:		SHEET	3/3			.xx±0.25 .xxx±0.10	DESIGNED BY:	MQ.Qu

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