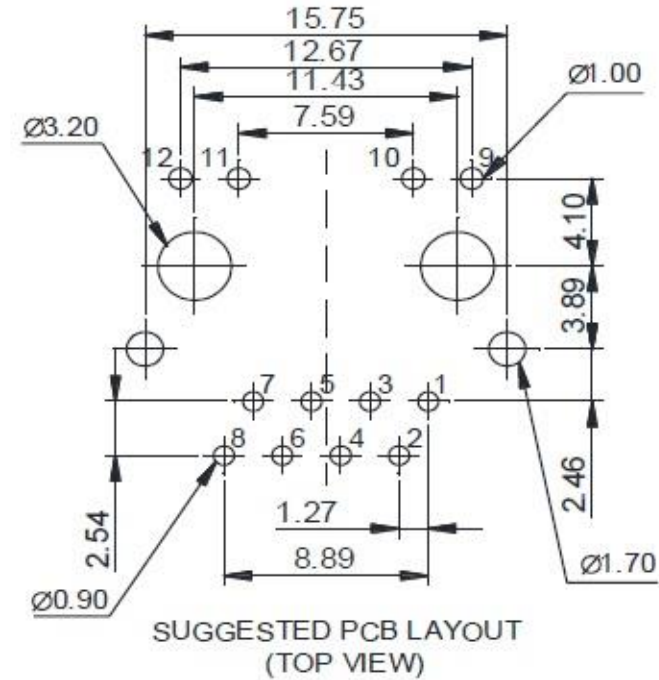
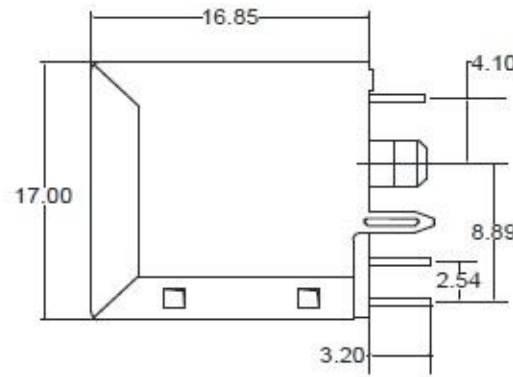
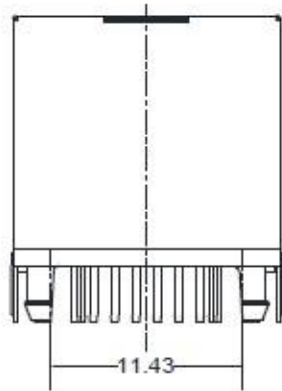
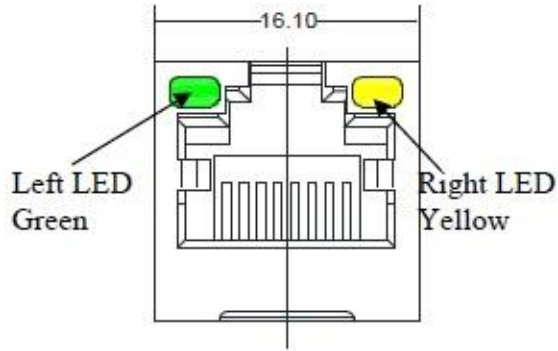


一、Mechanical Dimensions

表号: TE0115A

REV.	DESCRIPTION	DATE	DWN	AP'PD
6.0	Update spec	21.12.4	Xiao	Liu
6.1	Update spec	22.2.11	Xiao	Liu



Unit: mm Unless otherwise specified, all tolerances are ± 0.25



元册科技股份有限公司

YUAN DEAN SCIENTIFIC CO., LTD.

TITLE

180° Rj45 10/100 Base-T Jack
With Magnetic Module

P/N

51F-1202GYDXNL

REV.

6.1

PAGE NO

1-5

DATE

2022-2-11

AP'PD

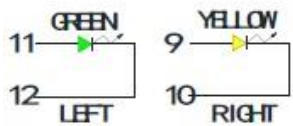
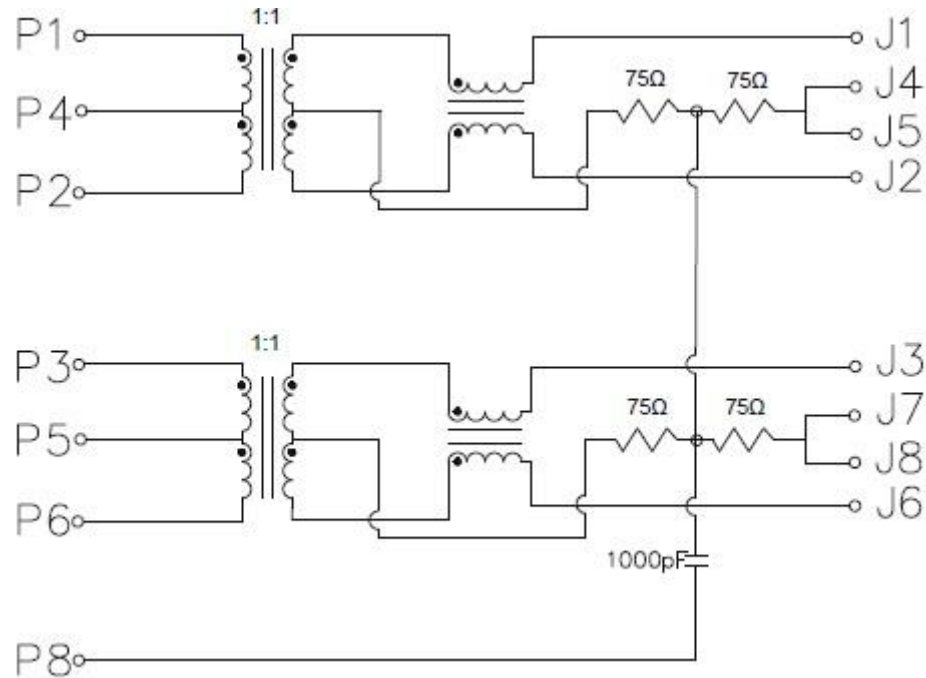
Liu zhi Jun

DWN

Xiao zhan

REV.	DESCRIPTION	DATE	DWN	AP'PD

二、Schematics



Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	565	20mA	1.8-2.4V
Yellow	585	20mA	1.7-2.5V

三、ELECTRICAL SPECIFICATIONS@25°C:

1. Turns Ratio($\pm 3\%$): 1CT:1CT
2. OCL(100KHz/0.1V@8mA):350uH MIN
3. Insertion Loss (dB MAX): -1.0dB(0.3-100MHz)
4. Return Loss(dB MIN): -18dB(1-30MHz);-16dB(40MHz);-12dB(50MHz);
-10dB(60-80MHz)
5. Crosstalk (dB MIN): -40dB(30MHz);-35dB(60MHz);-30dB(100MHz)
6. CMR(dB MIN): -30dB(30MHz);-20dB(60MHz);-20dB(100MHz)
7. HI-POT(Pri to Sec): 1500Vrms/0.5mA/60Sec or 1650Vrms/0.5mA/2Sec
8. Operating Temperature: 0°C ~+70°C
9. RoHS compliance: YES



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TITLE	180° Rj45 10/100 Base-T Jack With Magnetic Module		
P/N	51F-1202GYDXNL	REV.	6.1
PAGE NO	2-5	DATE	2022-2-11
AP'PD	Liu zhi Jun	DWN	Xiao zhan

REV.	DESCRIPTION	DATE	DWN	AP'PD

四、Notes

(1).Material:

Housing: Thermoplastic, PA66, Black, UL 94V-0

Contact: Phosphor Bronze, Thickness=0.35mm.

Shell: Brass, Thickness=0.20mm.

(2).Finish:

Contact: 50μ" Min Nickel Underplating All Area.

100μ" Min Tin On Solder Tail.

6u" Gold On Contact Area.

Shell: 30μ" Min Nickel Underplating All Area.

(3).Durability Operating Life:

750 Cycles Min.

(4).Jack Cavity Conforms To FCC Rules And Regulations Part 68, Subpart F.

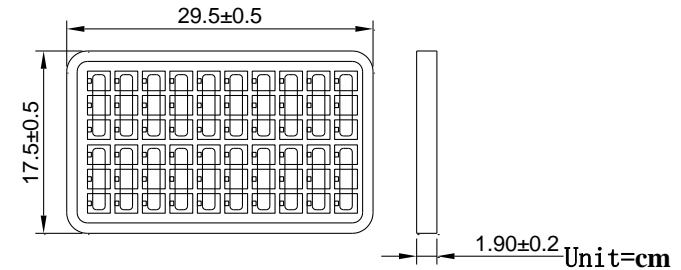
六、Part Number:

51F-1202GYDXNL

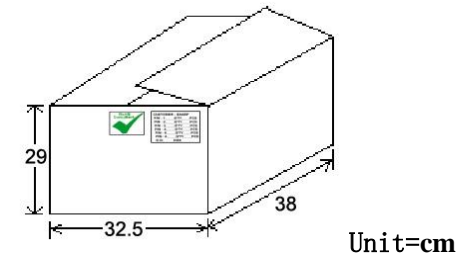
RoHS version
Gold Plating:1=3u",2=6u",3=15u",4=30u",5=50u",

七、Packaging

1. packaging unit : 60 PCS/tray
2. packaging material : PET



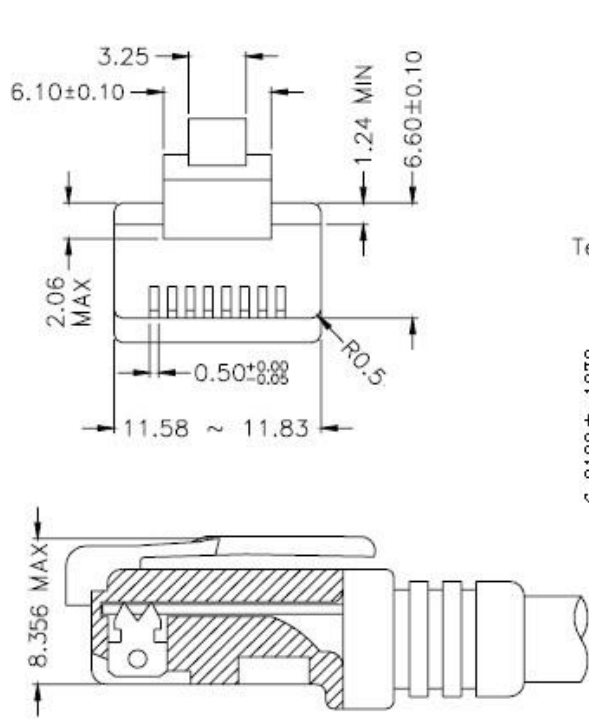
3. outer carton unit: 1320 pcs/ 22 Trays/box
4. Weight: 11.86kg per carton



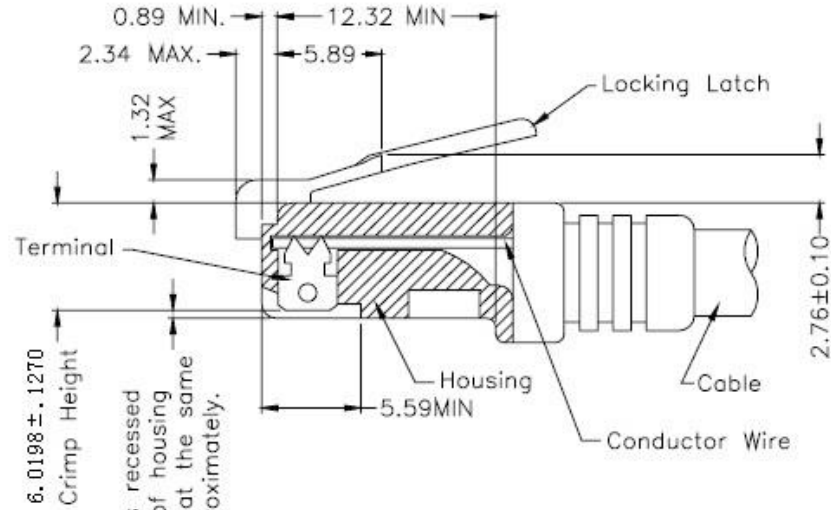
	元册科技股份有限公司 YUAN DEAN SCIENTIFIC CO., LTD.			
	TITLE		180° Rj45 10/100 Base-T Jack With Magnetic Module	
	P/N	51F-1202GYDXNL	REV.	6.1
	PAGE NO	3-5	DATE	2022-2-11
	AP'PD	Liu zhi Jun	DWN	Xiao zhan

八、RJ PLUG SPECIFICATION

REV.	DESCRIPTION	DATE	DWN	AP'PD



FOLLOW SPECIFICATION : FCC, PART 68, SUBPART F
FIGURE 68.500 (C)(2)(ii)



All contacts recessed below top of housing and must be at the same height approximately.

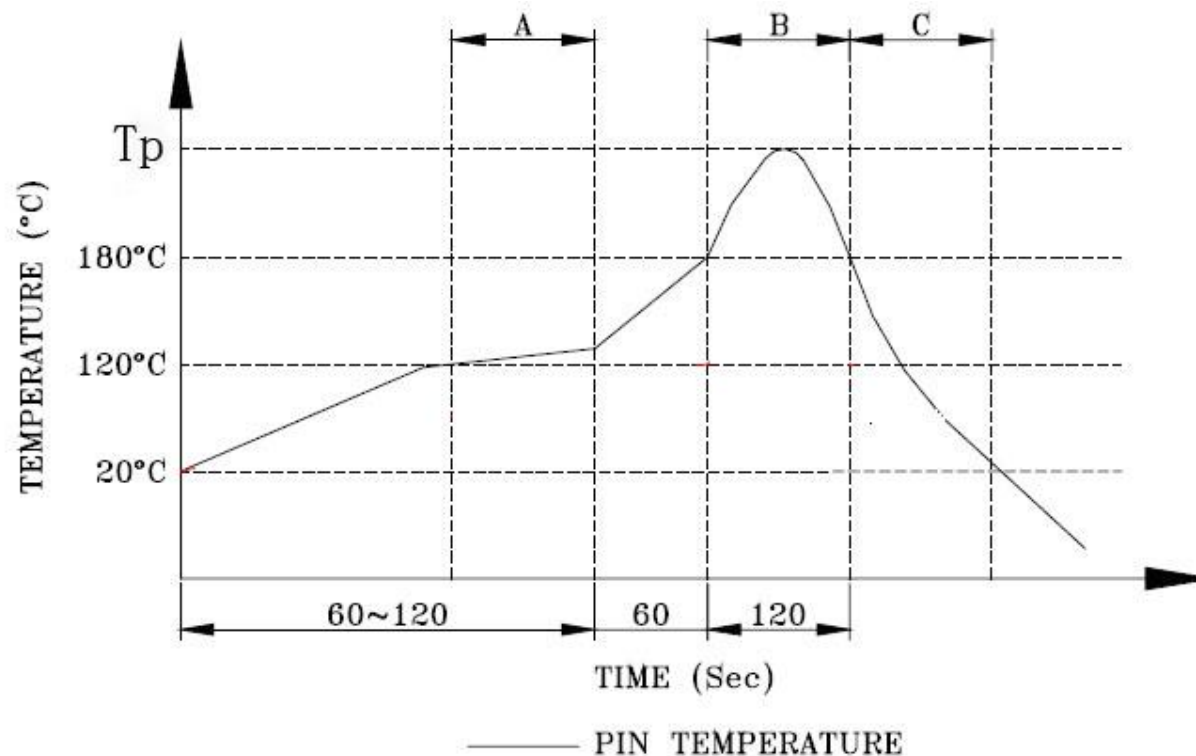
FOLLOW SPECIFICATION : FCC, PART 68, SUBPART F
FIGURE 68.500 (C)(2)(i)
AND IEC 603-7 FIGURE 23 & 24

STANDARD MODULAR PLUG ASSEMBLY

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	TITLE 180° Rj45 10/100 Base-T Jack With Magnetic Module			
	P/N 51F-1202GYDXNL		REV. 6.1	
	PAGE NO 4-5		DATE 2022-2-11	
	AP'PD Liu zhi Jun		DWN Xiao zhan	

九、PROFILE OF WAVE SOLDER

REV.	DESCRIPTION	DATE	DWN	AP'PD



A. Preheating B. Soldering C. Gradual Cooling

SUGGESTED WAVE SOLDER CURVE

1. Peak temperature(T_p) : $250 \pm 10^\circ\text{C}$
2. Peak temperature(T_p) time : 5sec max

 <p>RoHS Compliant</p>	 元册科技股份有限公司 YUAN DEAN SCIENTIFIC CO., LTD.			
	TITLE		180° Rj45 10/100 Base-T Jack With Magnetic Module	
	P/N	51F-1202GYDXNL	REV.	6.1
	PAGE NO	5-5	DATE	2022-2-11
	AP'PD	Liu zhi Jun	DWN	Xiao zhan