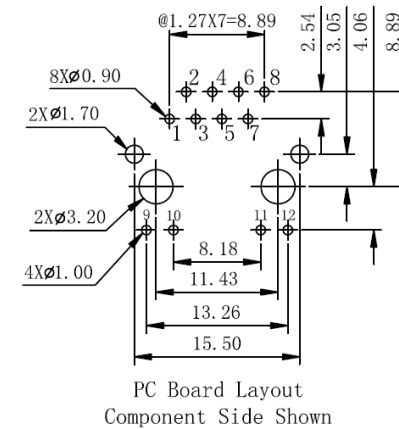
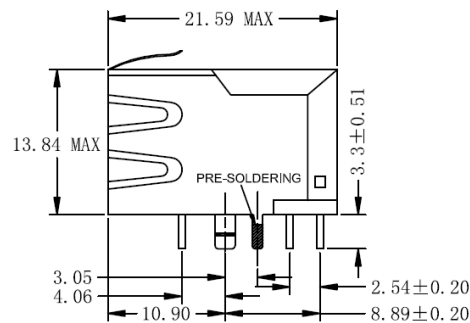
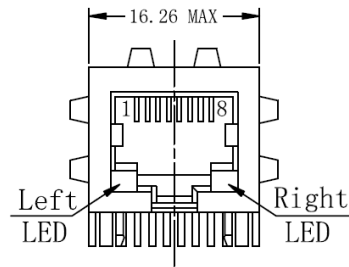
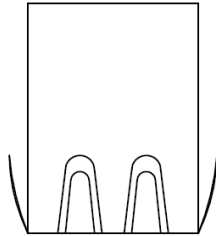


一、Mechanical Dimensions

REV.	DESCRIPTION	DATE	DWN	AP'PD
0		11.2.18	Ye	Liu
1.0	Correct Appearance & Characteristic& Housing	17.3.28	Zhang	Hsu
1.1	Update format	18.11.7	Zhou	Liu



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



Maconics Technology Co., Ltd.

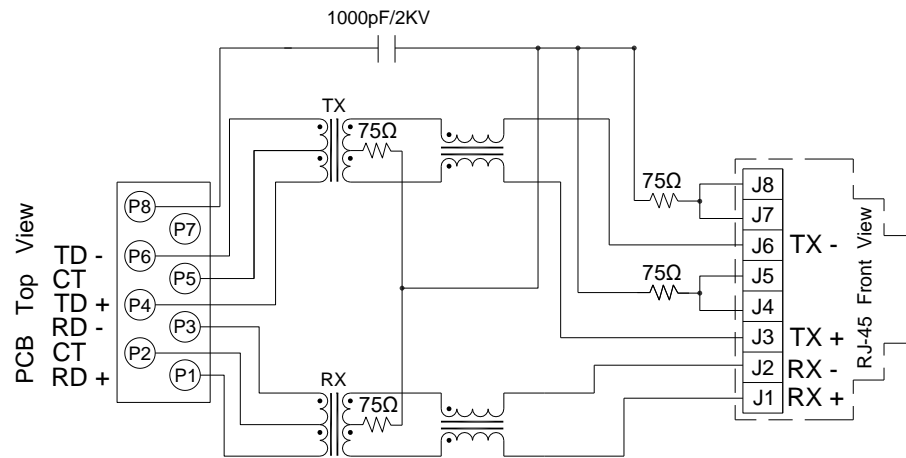
<http://www.maconics.com> E-mail:sales@maconics.com

Tel: +886-3-407-2889 Fax: +886-3-407-2868

TITLE	10/100 BASE-T SINGLE PORT RJ-45 JACK MAGNETICS		
P/N	24G-61YGDxNL	REV.	1.1
PAGE NO	1-5	DATE	2018-11-7
AP'PD	Liu zhi Jun	DWN	Zhou sheng mei

REV.	DESCRIPTION	DATE	DWN	AP'PD

二、Schematics




Standard LED	Wavelength	Forward*V(MAX)	TYP
Green	565nm	2.5v	2.2v
Yellow	585nm	2.5v	2.1v

With a forward current of 20mA

三、ELECTRICAL SPECIFICATIONS@25℃:

1. Turns Ratio($\pm 5\%$): 1CT:1CT
2. Inductance (100KHz/0.1V@8mA):350uH MIN@0℃~+70℃
3. Insertion Loss (dB MAX): -1.0dB(0.3-100MHz)
4. Return Loss(dB TYP): -20dB(30MHz),-15dB(80MHz)
5. HI-POT (P1+2+3 TO P4+5+6): 500Vrms/0.5mA/2Sec
6. HI-POT(Pri to Sec):1500Vrms/0.5mA/60Sec or 1650Vrms/0.5mA/2Sec
7. Operating Temperature: -40℃TO +85℃
8. RoHS compliance:YES



Maconics Technology Co., Ltd.  Http://www.maconics.com E-mail:sales@maconics.com Tel: +886-3-407-2889 Fax: +886-3-407-2868			
TITLE	10/100 BASE-T SINGLE PORT RJ-45 JACK MAGNETICS		
P/N	24G-61YGDYNL	REV.	1.1
PAGE NO	2-5	DATE	2018-11-7
AP'PD	Liu zhi Jun	DWN	Zhou sheng mei

REV.	DESCRIPTION	DATE	DWN	AP'PD

四、Mechanicals

Housing Material:

MATERIAL:NYLON 66 UL94V-0 STANDARD COLOR:BLACK

Insert Material:

MATERIAL:Phos-Bronze C5210 EH---0.35mm Thickness

Insert -PBT GF UL94V-0

- 1.PLATING(1) NICKEL
- 2.PLATING(2) 100%Sn
- 3.PLATING(3) GOLD (3u " ~50u ")

Plate Material:

PBT GF UL 94V-0

Contact pin Material:

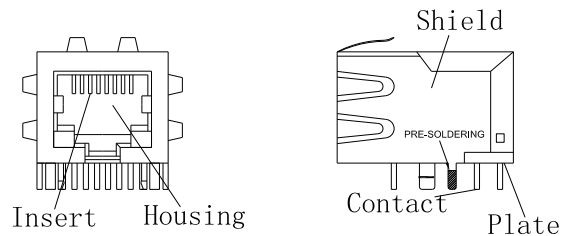
MATERIAL: Phos-Bronze C5191---0.35mm Thickness

- 1.PLATING(1) NICKEL
- 2.PLATING(2) 100%Sn

Shielding Material:

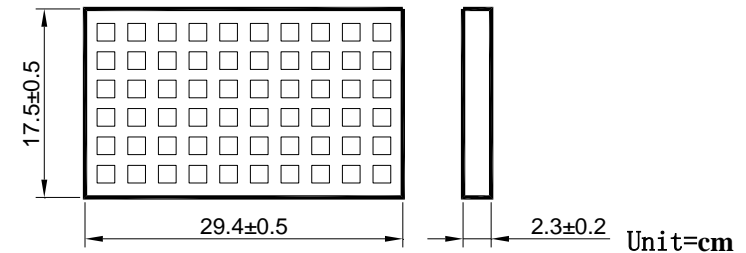
BRASS C2680 PLATING NICKEL

Operating Life:750 Cycles MIN.

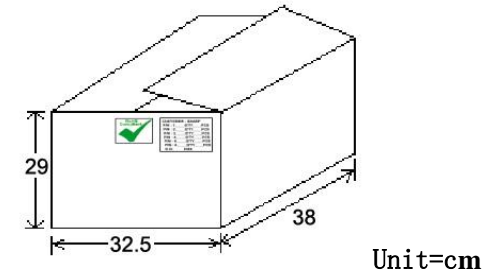


七、Packaging

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



3. outer carton unit: 1320 pcs/ 22 Trays/box



五、Environmental

- 1.Storage Temp:-40℃TO +85℃.
- 2.Operating Temp: -40℃TO +85℃
3. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68,SUBPARTE.

六、Part Number

24G-61YGDXNL

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



MACONICS
MAKING SOLUTION FOR 3C

Maconics Technology Co., Ltd.

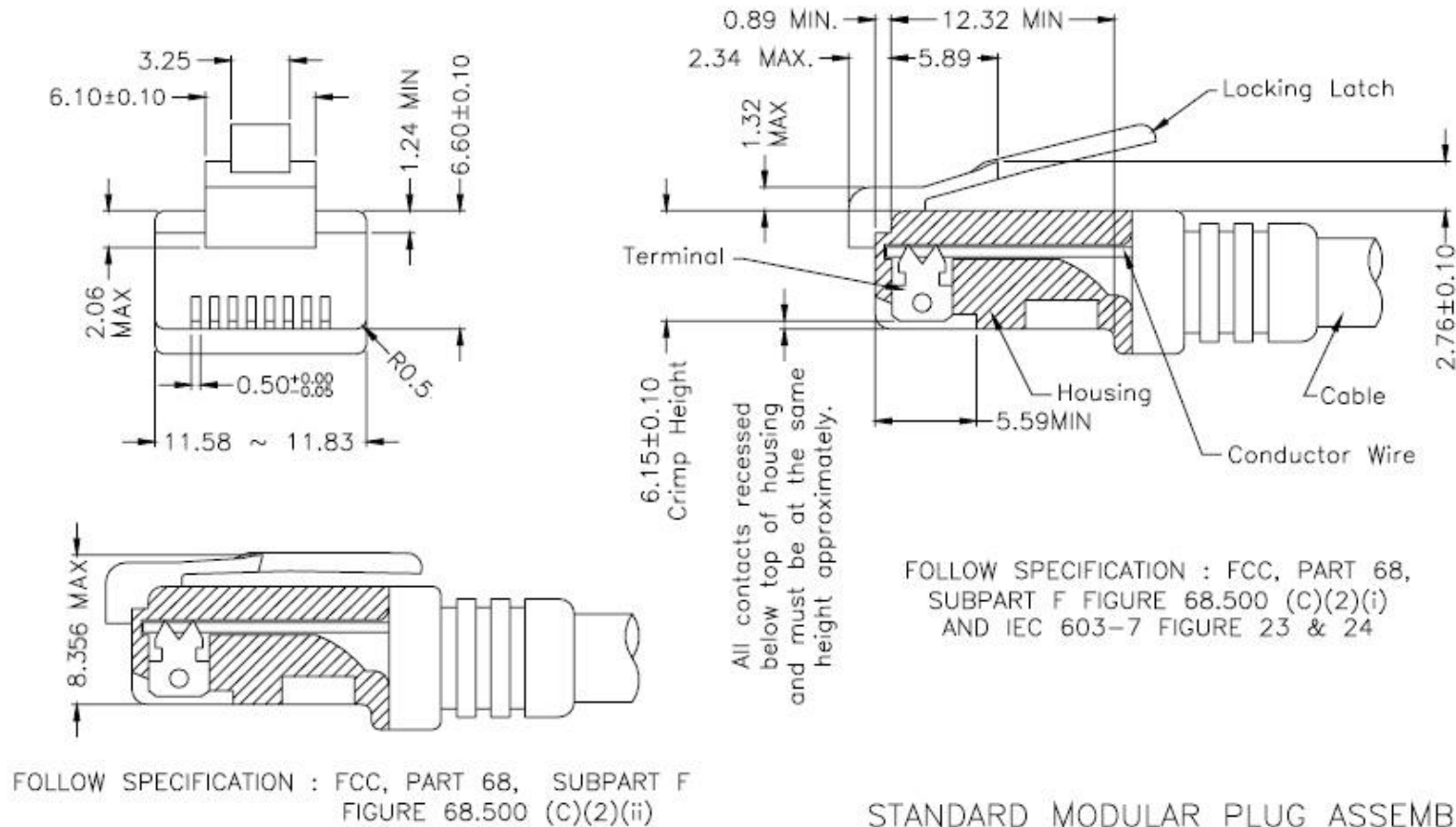
<http://www.maconics.com> E-mail:sales@maconics.com

Tel: +886-3-407-2889 Fax: +886-3-407-2868

TITLE	10/100 BASE-T SINGLE PORT RJ-45 JACK MAGNETICS		
P/N	24G-61YGDXNL	REV.	1.1
PAGE NO	3-5	DATE	2018-11-7
AP'PD	Liu zhi Jun	DWN	Zhou sheng mei

八、RJ PLUG SPECIFICATION

REV.	DESCRIPTION	DATE	DWN	AP'PD



STANDARD MODULAR PLUG ASSEMBLY



MACONICS
MAKING SOLUTION FOR 3C

Maconics Technology Co., Ltd.

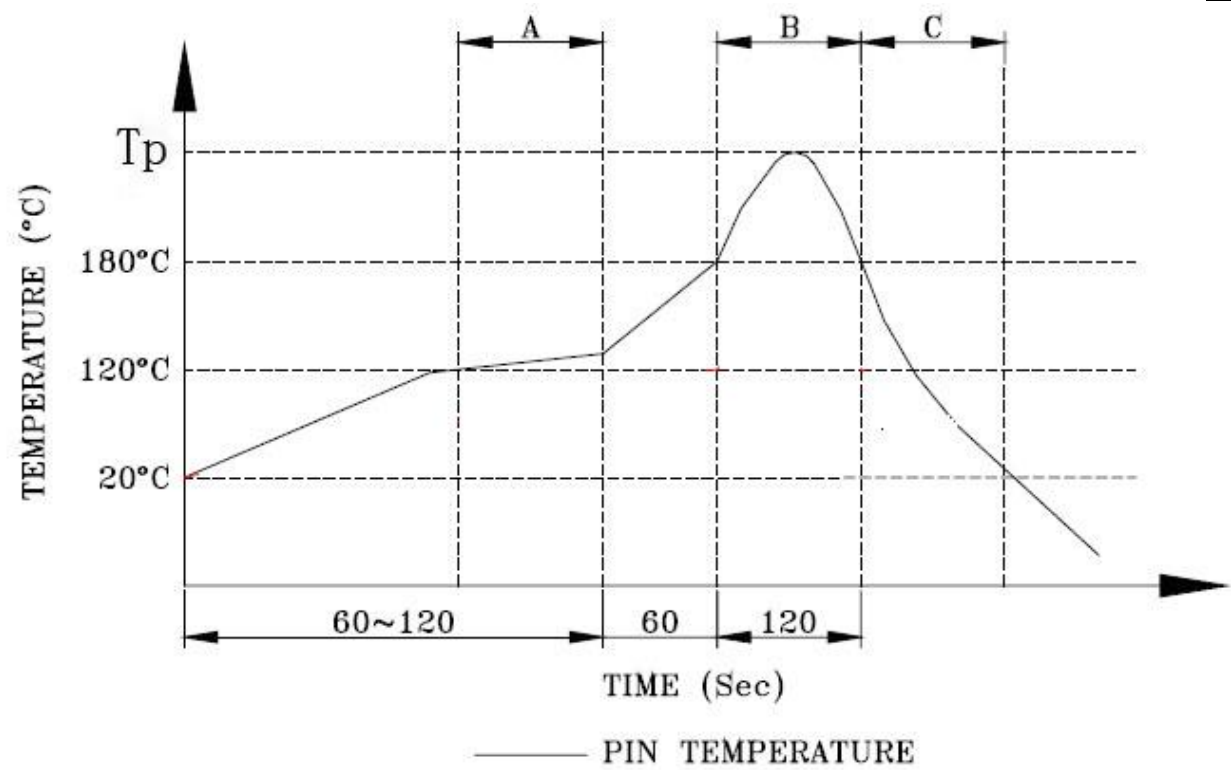
<http://www.maconics.com> E-mail:sales@maconics.com

Tel: +886-3-407-2889 Fax: +886-3-407-2868

TITLE	10/100 BASE-T SINGLE PORT RJ-45 JACK MAGNETICS		
P/N	24G-61YGDXNL	REV.	1.1
PAGE NO	4-5	DATE	2018-11-7
AP'PD	Liu zhi Jun	DWN	Zhou sheng mei

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



MACONICS MAKING SOLUTION FOR 3C			
Maconics Technology Co., Ltd. http://www.maconics.com E-mail:sales@maconics.com Tel: +886-3-407-2889 Fax: +886-3-407-2868			
TITLE	10/100 BASE-T SINGLE PORT RJ-45 JACK MAGNETICS		
P/N	24G-61YGDXML	REV.	1.1
PAGE NO	5-5	DATE	2018-11-7
AP'PD	Liu zhi Jun	DWN	Zhou sheng mei