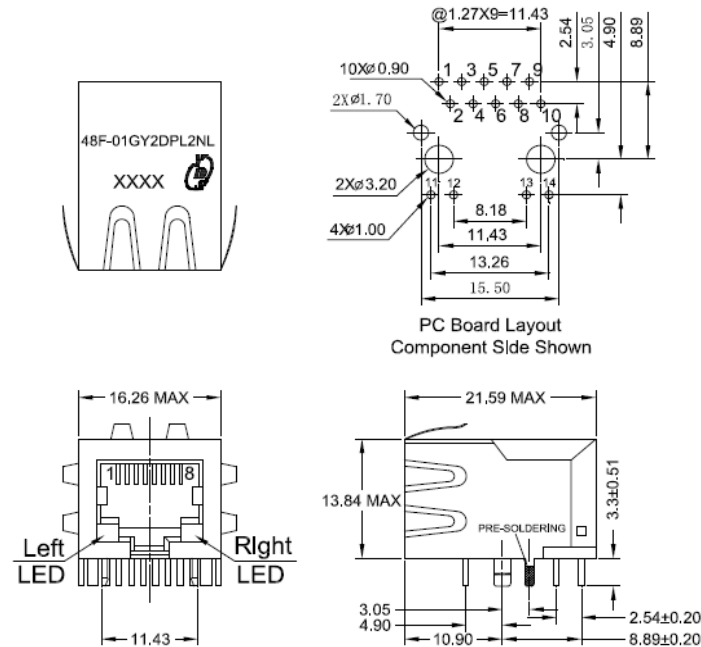


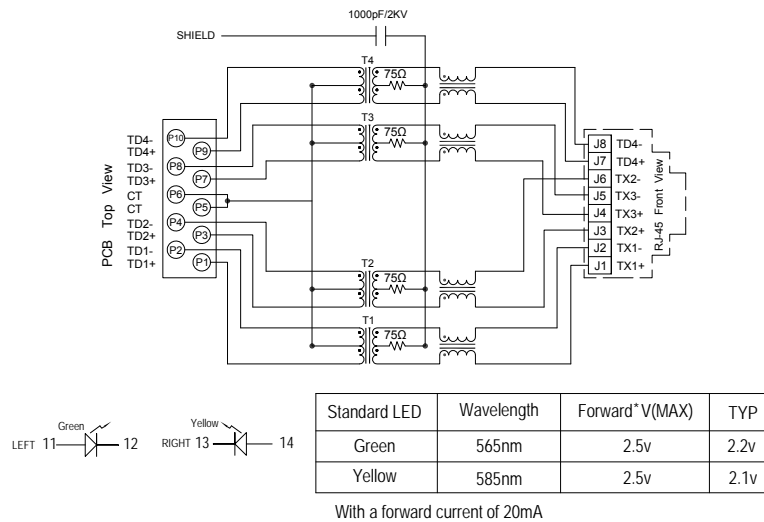
REV.	DESCRIPTION	DATE	DWN	AP'PD

一、Mechanicals Dimensions



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

二、Schematics



三、ELECTRICAL SPECIFICATIONS@25°C:

1. Turn Ratio($\pm 5\%$): 1CT:1CT
2. OCL(100KHz/0.1V@8mA): 350uH MIN.
3. Insertion Loss(dB MAX): -1.0dB(1-100MHz)
4. Return Loss (dB MIN): -18dB(1-30MHz),-14dB(30-60MHz),-12dB(60-80MHz),
5. Cross Talk (dB MIN): -35dB(1-10MHz),-26dB(15-60MHz),-24dB(60-100MHz)
6. CMR (dB MIN): -30dB(1-100MHz),
7. HI-POT(Pri to Sec): 1500Vrms
8. Operating Temperature:0°C TO +70°C
9. RoHS compliance:YES

Ref: BOM-AL01



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TITLE

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JACK MAGNETICS

P/N

48F-01GY2DPLXNL

REV.

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DWN

GuoHaiJin

四、Mechanicals

Housing Material:

MATERIAL:NYLON GF (Fr50) 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 ")

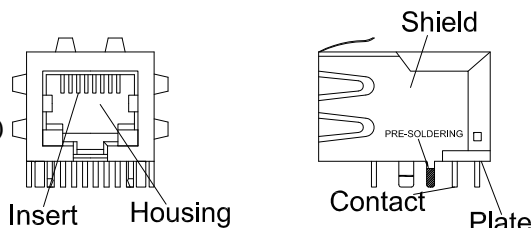


Plate Material:

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.

五、Environmental

- 1.Storage Temp:-40°C TO +85°C.
- 2.Operating Temp: 0°C TO +70°C.
3. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68,SUBPARTE.

六、Part Number:

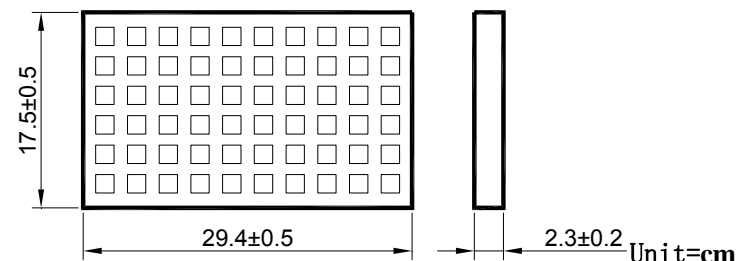
48F-01GY2DPLXNL

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

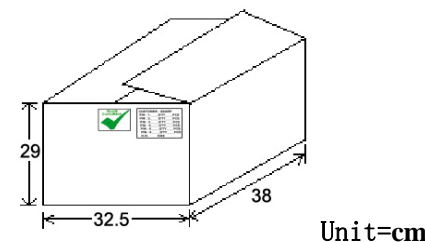
REV.	DESCRIPTION	DATE	DWN	AP'PD

七、Packaging

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



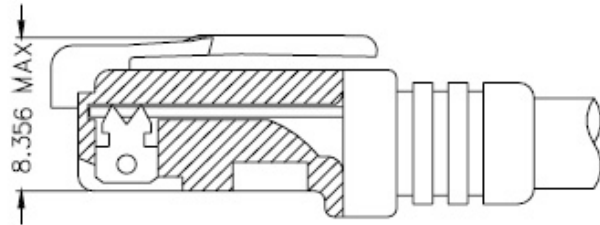
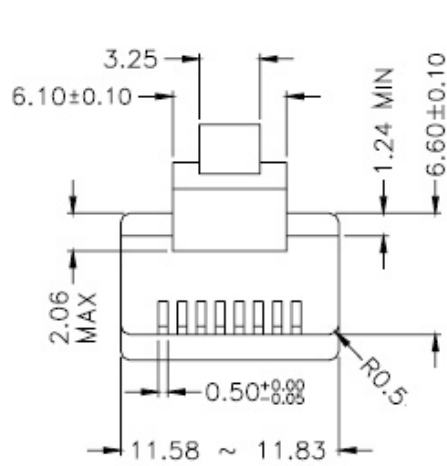
3. outer carton unit: 1320 pcs/ 22 Trays/box



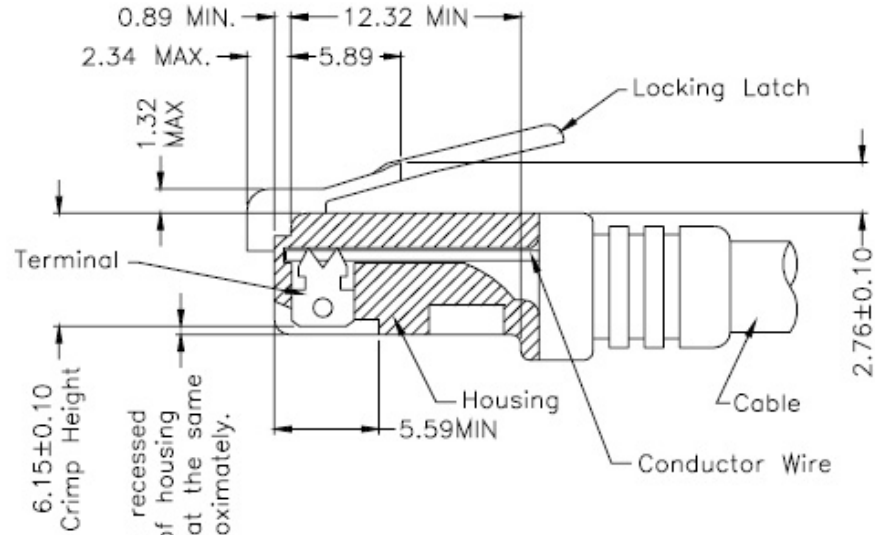
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八、RJ PLUG SPECIFICATION

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.

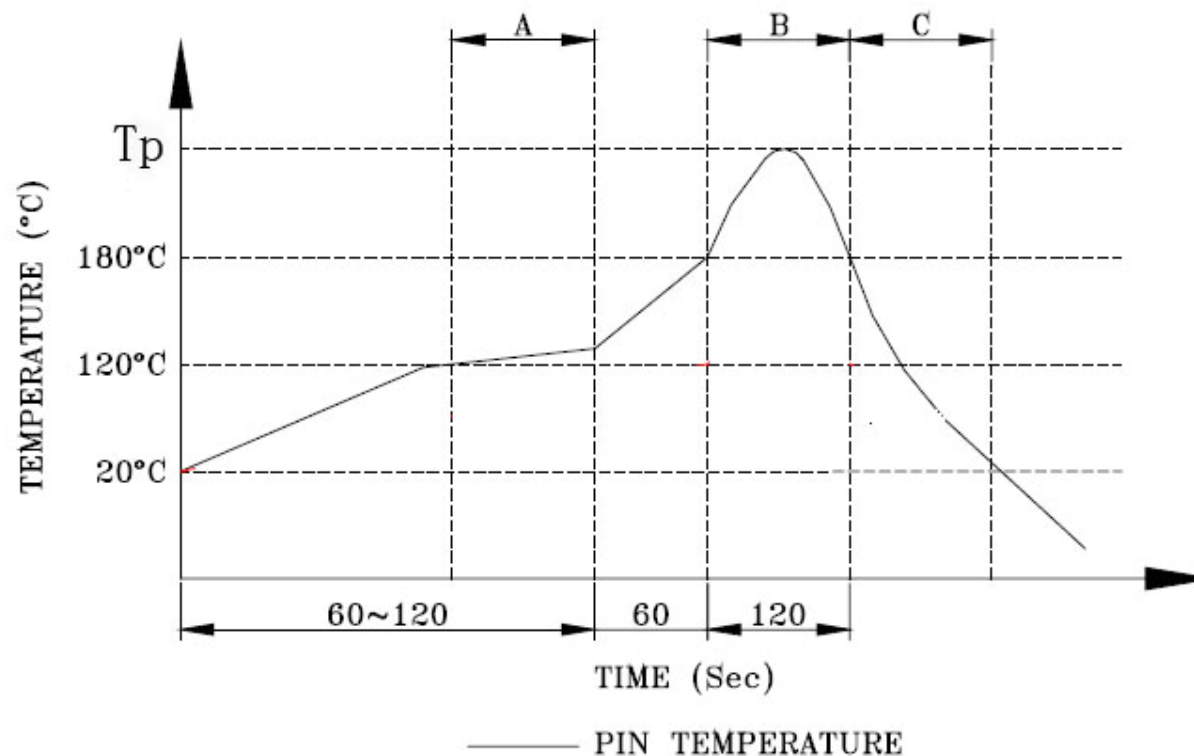
FOLLOW SPECIFICATION : FCC, PART 68,
SUBPART F FIGURE 68.500 (C)(2)(i)
AND IEC 603-7 FIGURE 23 & 24

STANDARD MODULAR PLUG ASSEMBLY

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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



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