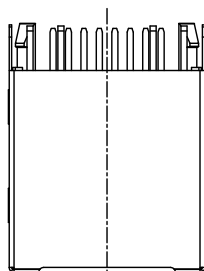
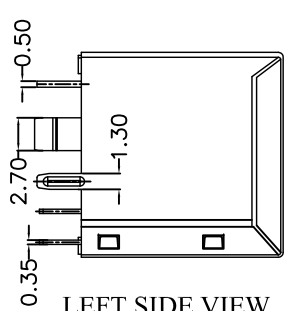


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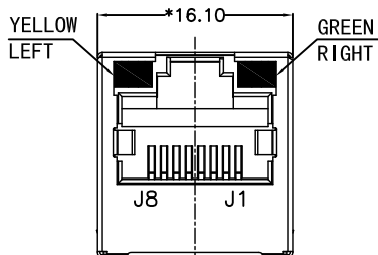
| REV. | ECN / DESCRIPTION | BY | DATE |
|------|-------------------|-------|------------|
| A0 | NEW | ZG.Hu | 2018.10.15 |



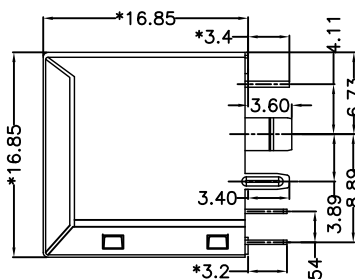
TOP VIEW



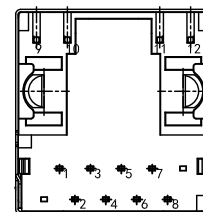
LEFT SIDE VIEW



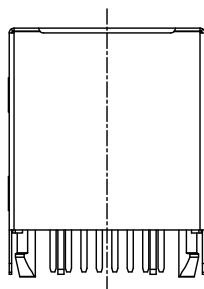
FRONT VIEW



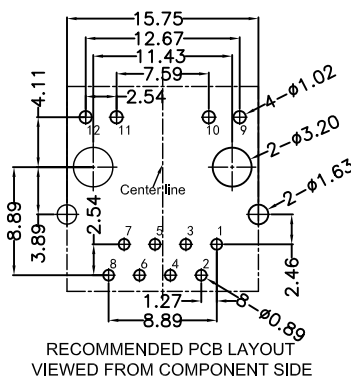
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



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 "*"

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TITLE:
180° TAB-UP 1X1 10/100BASE
PART NO.:
CSG511B048AA1A8D
REMARK:

SIZE
A4
SACLE
1:1
SHEET
1/4

UNITS
MM[INCH]
REV
A0

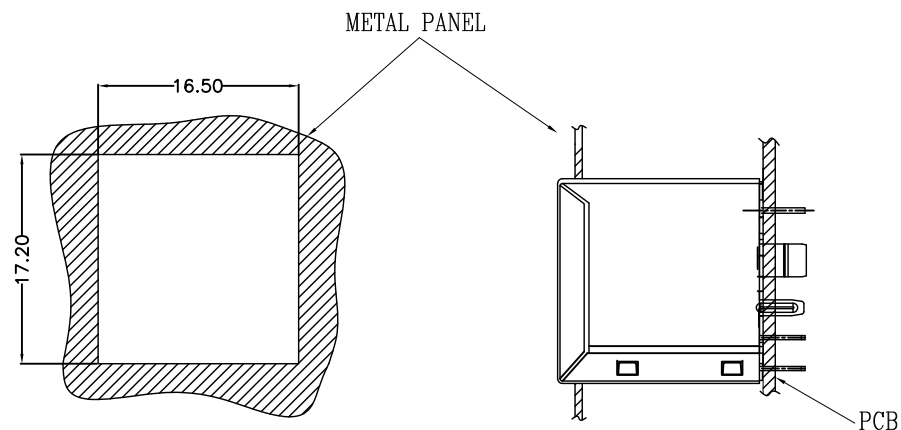
GENERAL TOLERANCES
UNLESS SPECIFIED
x±0.35
x°±3.0°
.x±0.30
.x°±2.0°
.xx±0.25
.xx°±1.5°
.xxx±0.10
.xxx°±1.0°

APPROVED BY:
JP.Gong
CHECKED BY:
TW.Xu
DESIGND BY:
ZG.Hu

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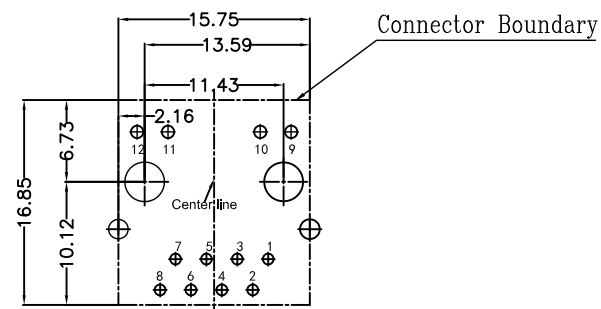
| REV. | ECN / DESCRIPTION | BY | DATE |
|------|-------------------|-------|------------|
| A0 | NEW | ZG.Hu | 2018.10.15 |

Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

Keep-Out Area (Component Side View):



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004



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TITLE:
180° TAB-UP 1X1 10/100BASE
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CSG511B048AA1A8D
REMARK:

SIZE
A4
SACLE
1:1
SHEET
2/4

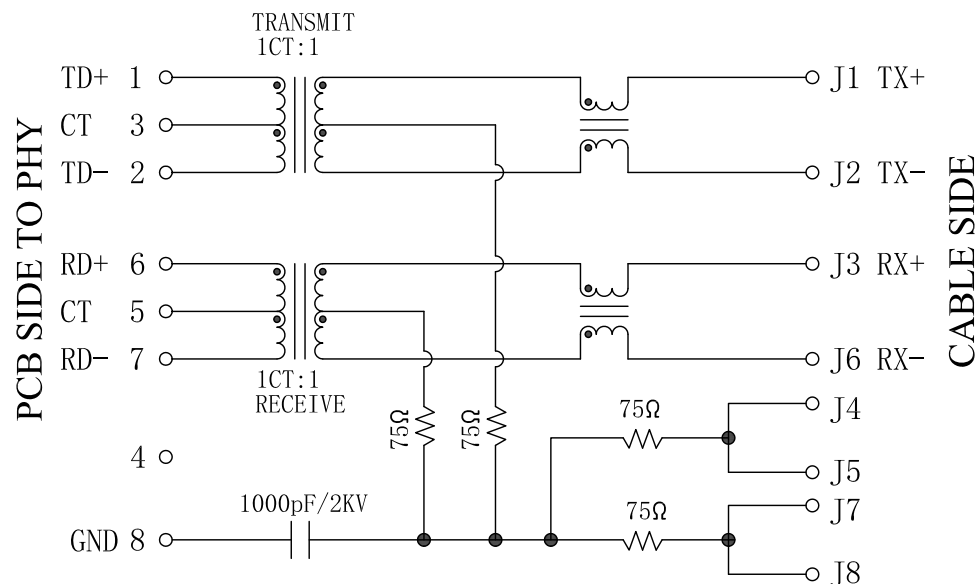
UNITS
MM[INCH]
REV
A0

| GENERAL TOLERANCES UNLESS SPECIFIED | |
|----------------------------------------|----------------------------|
| $x \pm 0.35$ | $x^\circ \pm 3.0^\circ$ |
| $.x \pm 0.30$ | $.x^\circ \pm 2.0^\circ$ |
| $.xx \pm 0.25$ | $.xx^\circ \pm 1.5^\circ$ |
| $.xxx \pm 0.10$ | $.xxx^\circ \pm 1.0^\circ$ |

APPROVED BY:
JP.Gong
CHECKED BY:
TW.Xu
DESIGN BY:
ZG.Hu

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COMPLIANT

| REV. | ECN / DESCRIPTION | BY | DATE |
|------|-------------------|-------|------------|
| A0 | NEW | ZG.Hu | 2018.10.15 |

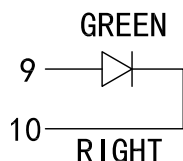
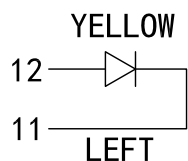


Electrical:

- Turn ratio:1~2:J1~J2=1CT:1CT(±2%).
6~7:J3~J6=1CT:1CT(±2%).
- OCL:350uH Min.at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot:1500V AC & 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 |
| Yellow | 585nm | 20mA | 1.7-2.2V |



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180° TAB-UP 1X1 10/100BASE

PART NO.:
CSG511B048AA1A8D

REMARK:

SIZE
A4

SACLE
1:1

SHEET
3/4

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

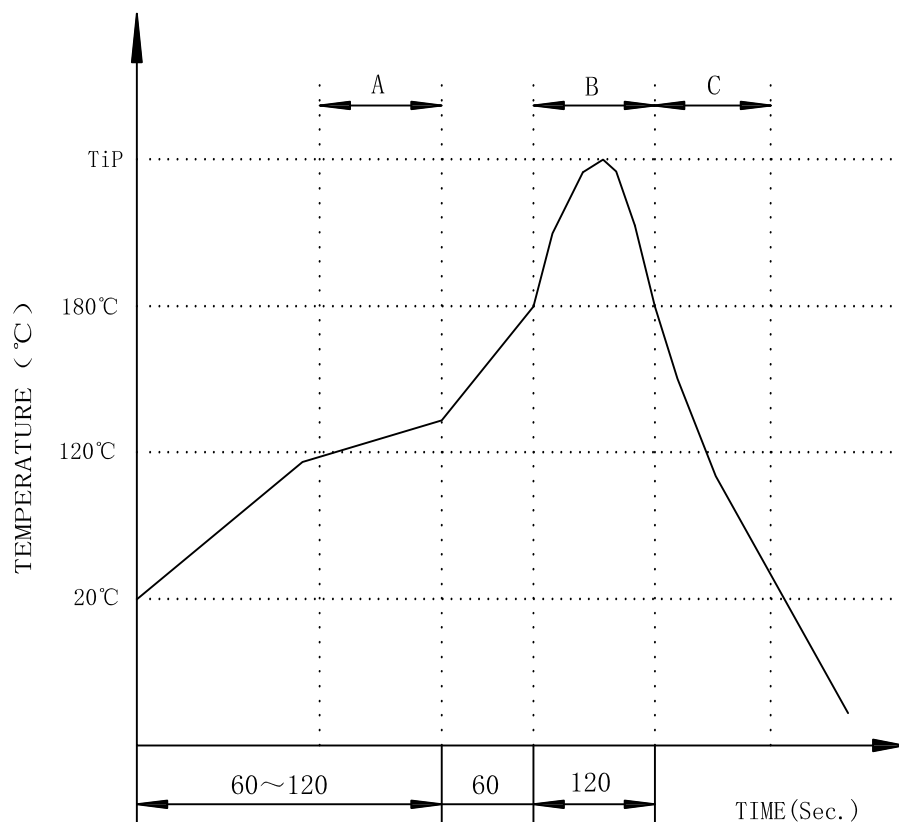
CHECKED BY:
TW.Xu

DESIGND BY:
ZG.Hu

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COMPLIANT

PROFILE OF WAVE SOLDER

| REV. | ECN / DESCRIPTION | BY | DATE |
|------|-------------------|-------|------------|
| A0 | NEW | ZG.Hu | 2018.10.15 |



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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180° TAB-UP 1X1 10/100BASE
PART NO.:
CSG511B048AA1A8D
REMARK:

SIZE
A4
SACLE
1:1
SHEET
4/4

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°

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