

SC02

NOTE:

MATERIAL:

1. CONTACT: PHOSPHOR BRONZE.
2. CONNECTOR HOUSING: LCP UL 94V-0. COLOR: BLACK.
3. MOULDED INSERT: HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR:BLACK.
4. CAGE: COPPER ALLOY.
5. LIGHT PIPES: POLYCARBONATE. UL 94V-0. COLOR:CLEAR
6. LIGHT PIPE HOUSING: PBT UL 94V-0 COLOR:BLACK.

PLATED:

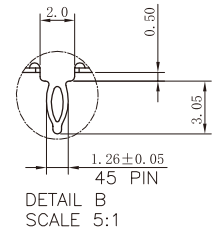
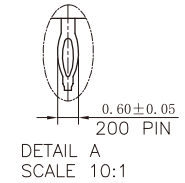
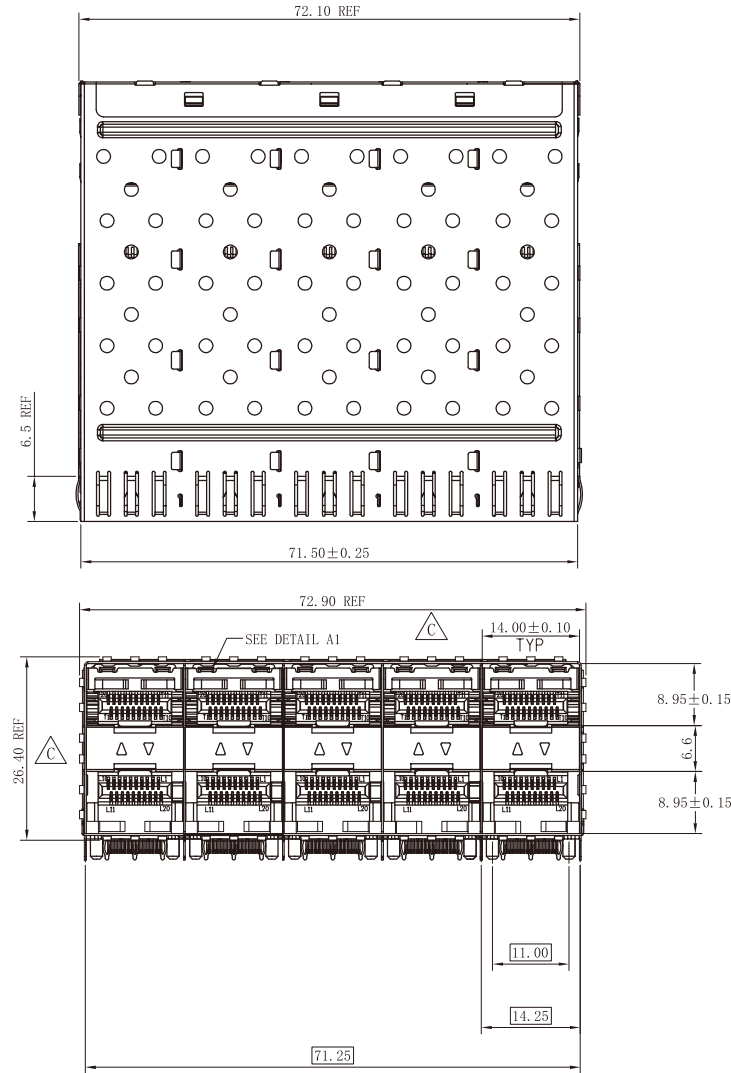
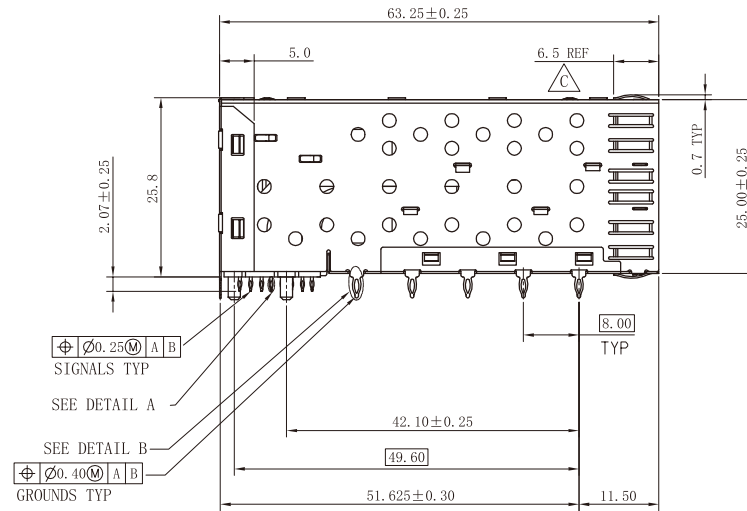
1. CONTACT MATING AREA : PLATING GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.
2. CONTACT NEEDLE EYE: 2.54 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

MECHANICAL REQUIREMENT:

1. DURABILITY: 100 CYCLES MIN.
2. INSERTION AND EXTRACTION FORCE: 40N MAX & 11.5N MAX

ENVIRONMENTAL:

1. LOW LEVEL CONTACT RESISTANCE(LLCR):  
 $\Delta R$  10 MILLIOHMS MAXIMUM FOR SHIELD AND SIGNAL CONTACTS.
2. DIELECTRIC WITHSTANDING VOLTAGE: 300V AC/MAX.
3. INSULATION RESISTANCE:  $1 \times 10^9$  OHMS MINIMUM.
4. RATINGS CURRENT: 0.5 AMPS MAX.
5. RATINGS VOLTAGE: 30 VOLTS DC/AC(RMS) MAX.
6. OPERATION:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ .
7. STORAGE:  $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$ .
8. ROHS COMPLIANT



RoHS Compliant

TITLE:

SFP 2X5 CONNECTOR

SIZE  
A4UNITS  
MM[INCH]GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WHSFP05825F010

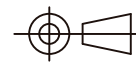
SACLE  
1:1REV  
A0 $x \pm 0.35$   
 $.x \pm 0.30$  $x^{\circ} \pm 3.0^{\circ}$   
 $.x^{\circ} \pm 2.0^{\circ}$ 

CHECKED BY:

Elvis.Song

REMARK:

gold plated 30u" Ni 30u" MIN

SHEET  
1/4 $.xx \pm 0.25$   
 $.xxx \pm 0.10$  $.xx^{\circ} \pm 1.5^{\circ}$   
 $.xxx^{\circ} \pm 1.0^{\circ}$ 

DESIGND BY:

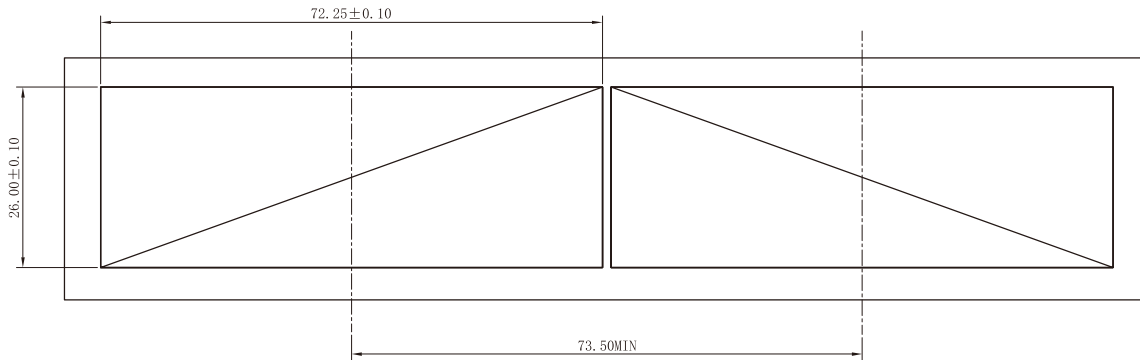
Sunny.Xu

**VOOHU** 苏州沃虎电子科技有限公司  
Su Zhou Voohu Electronic Tech.Co.Ltd

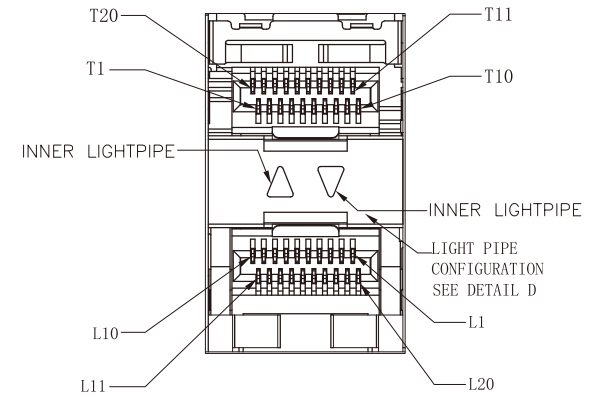
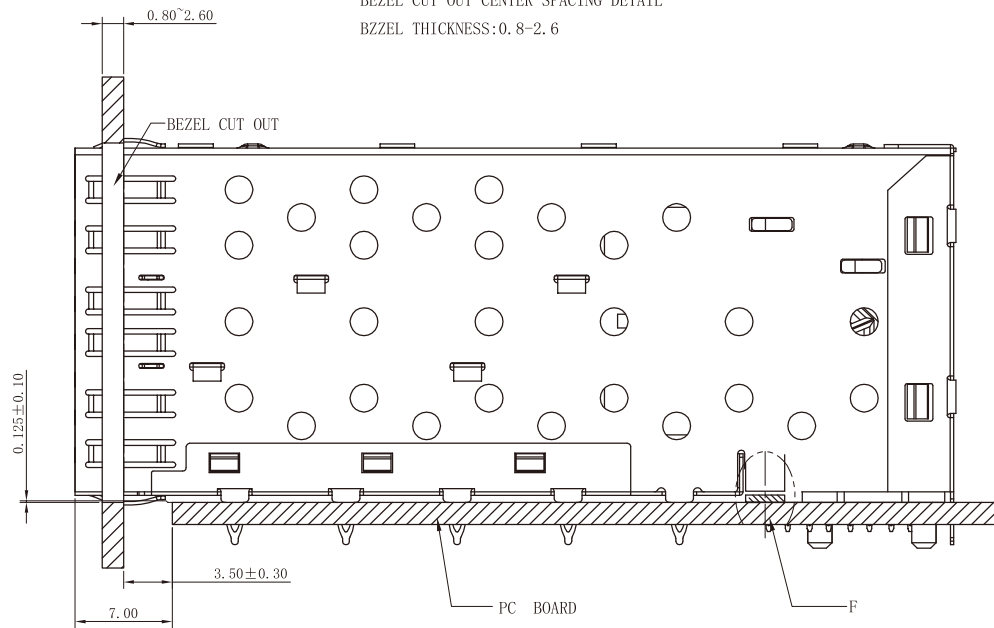
TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

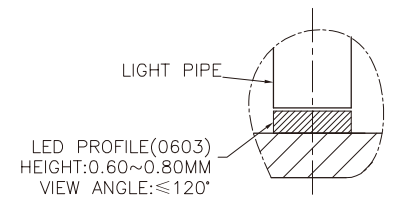
SC02



BEZEL CUT-OUT CENTER SPACING DETAIL  
BEZEL THICKNESS:0.8~2.6



DETAIL A1  
SCALE 4:1



DETAIL F  
SCALE 4:1

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SACLE  
1:1

REV  
A0

$x \pm 0.35$   
 $.x \pm 0.30$

$x^\circ \pm 3.0^\circ$   
 $.x^\circ \pm 2.0^\circ$

CHECKED BY:  
Elvis.Song

REMARK:  
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SHEET  
2/4



$.xx \pm 0.25$   
 $.xxx \pm 0.10$

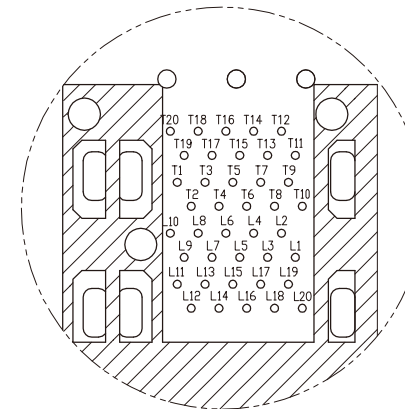
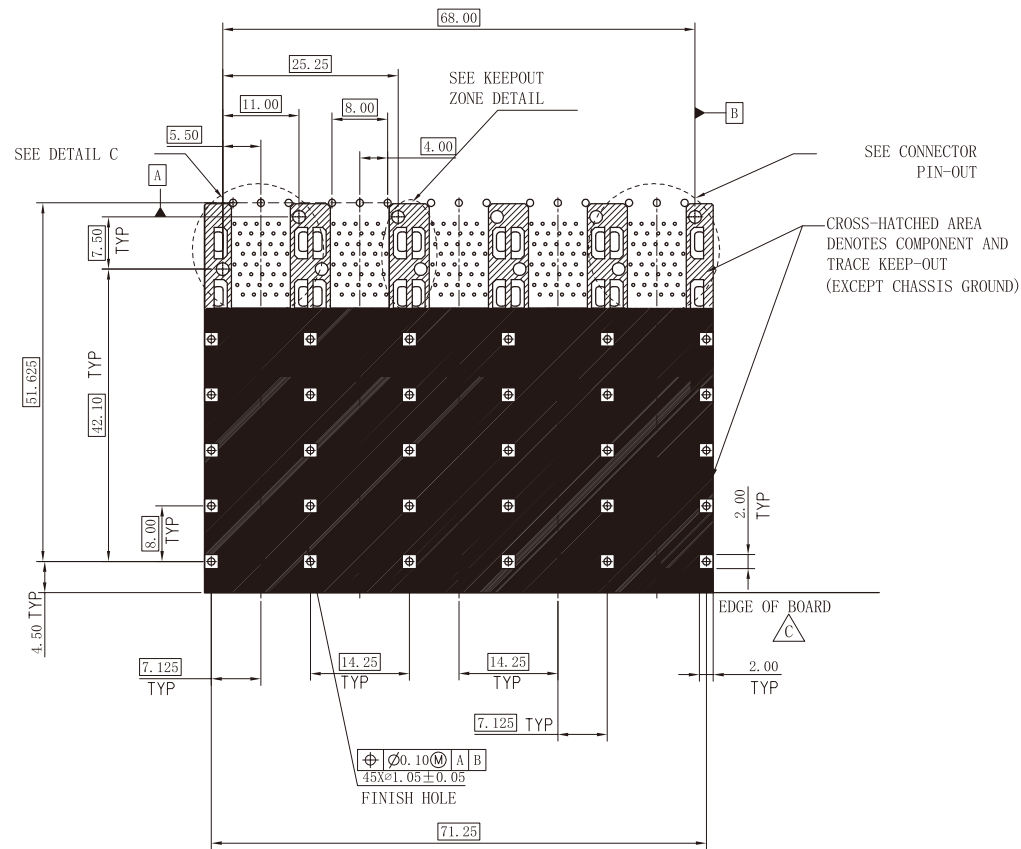
$.xx^\circ \pm 1.5^\circ$   
 $.xxx^\circ \pm 1.0^\circ$

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RECOMMENDED PCB LAYOUT-COMPONENT SIDE  
RECOMMENDED PCB THICKNESS-2.63MM

THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT  
TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS  
(OTHER THAN LIGHT PIPE LED'S)  
THIS AREA IS INDICATED BY THE DASHED LINE

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UNLESS SPECIFIED

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1:1

REV  
A0

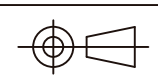
$x \pm 0.35$   
 $.x \pm 0.30$

$x^\circ \pm 3.0^\circ$   
 $.x^\circ \pm 2.0^\circ$

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REMARK:  
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SHEET  
3/4



$.xx \pm 0.25$   
 $.xxx \pm 0.10$

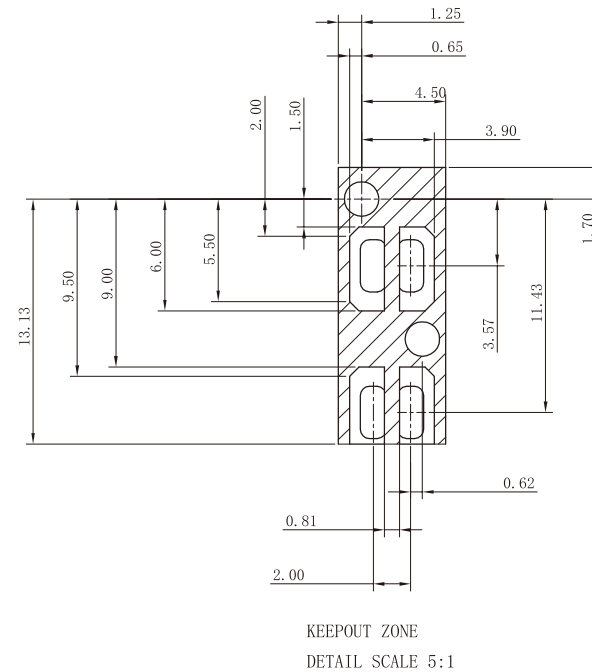
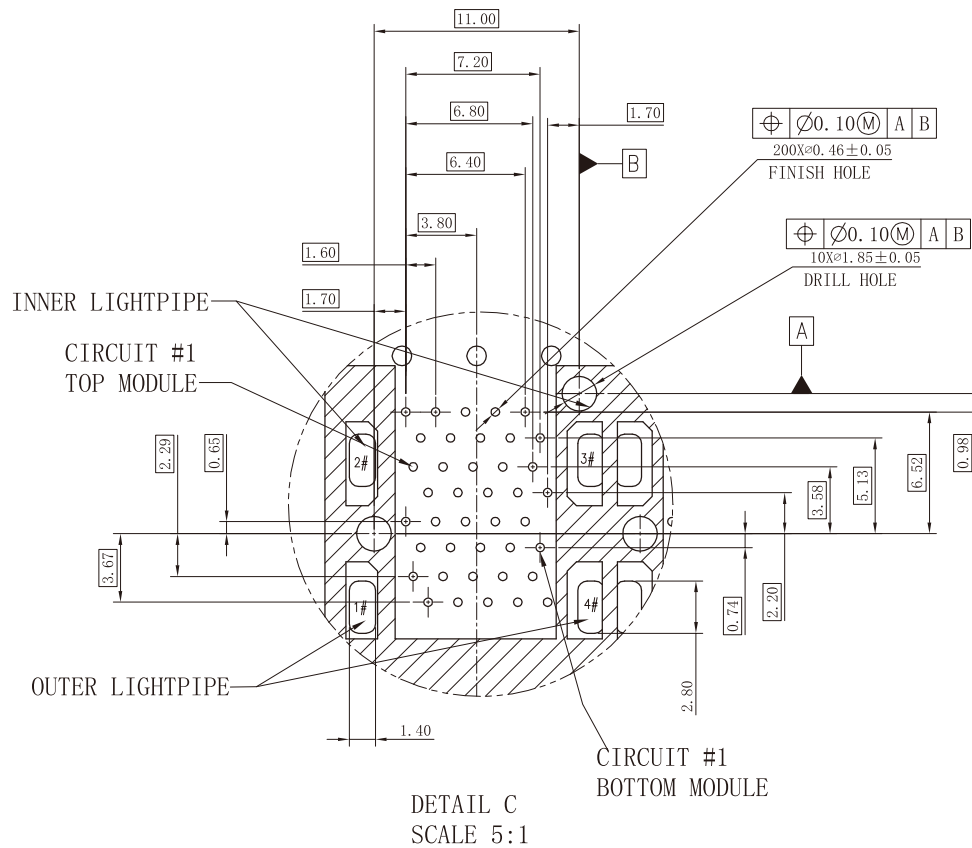
$.xx^\circ \pm 1.5^\circ$   
 $.xxx^\circ \pm 1.0^\circ$

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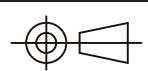
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A4

SACLE  
1:1

SHEET  
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MM[INCH]

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GENERAL TOLERANCES  
UNLESS SPECIFIED

|                 |                            |
|-----------------|----------------------------|
| $x \pm 0.35$    | $x^\circ \pm 3.0^\circ$    |
| $.x \pm 0.30$   | $.x^\circ \pm 2.0^\circ$   |
| $.xx \pm 0.25$  | $.xx^\circ \pm 1.5^\circ$  |
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