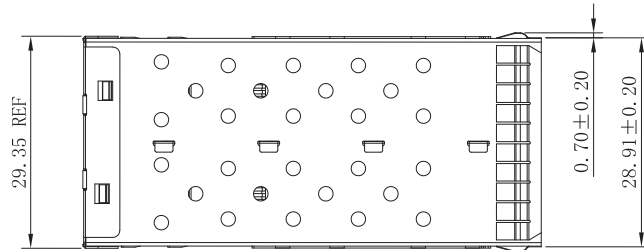
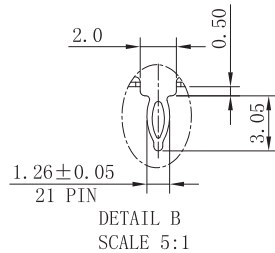


S+C02



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.
7. EMI SPRING: COPPER ALLOY.

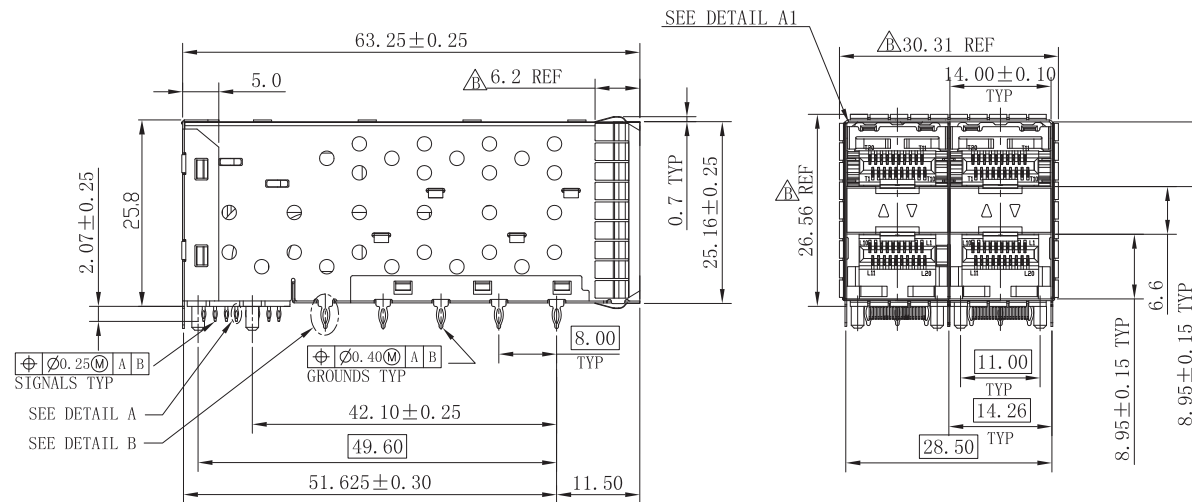
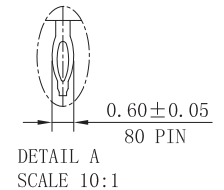
PLATED:

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 & 12.5N 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+ 2x2 CONNECTOR

SIZE  
A4UNITS  
MM[INCH]GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WHSFP15422D002

SCALE  
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 15u"

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

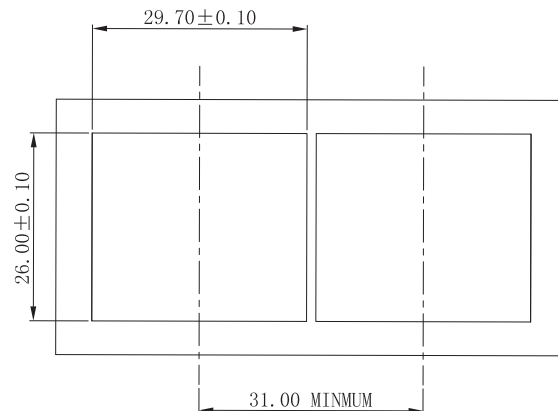
苏州沃虎电子科技有限公司  
Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

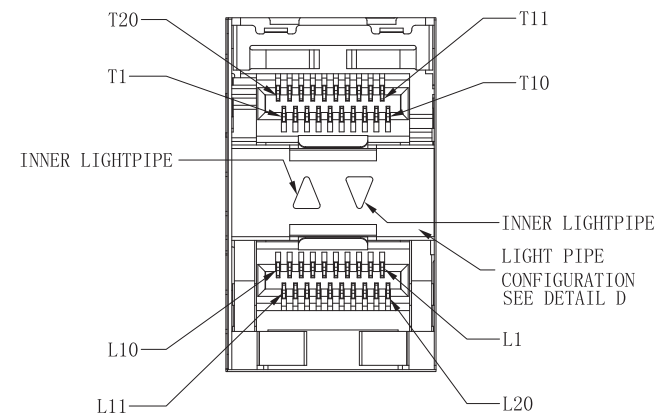
WEB: WWW.WOHU-TEK.COM

S+C02

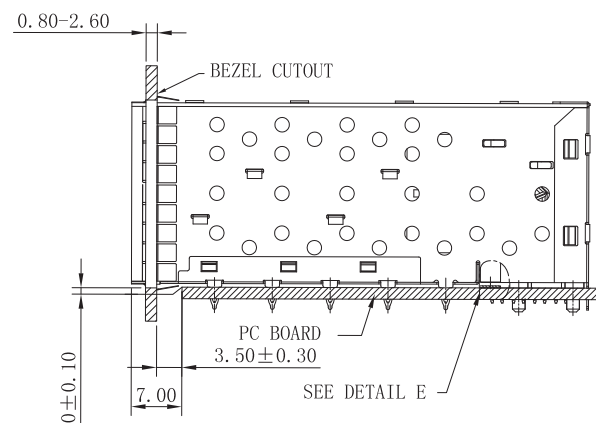
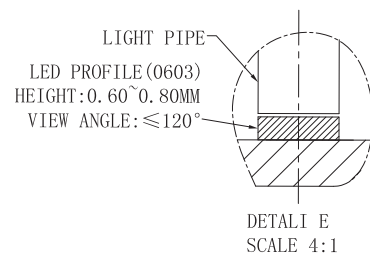
| REV.<br>版本 | ECN NO.<br>变更说明 | 日期 |
|------------|-----------------|----|
|            |                 |    |



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



DETAIL A1  
SCALE 4:1



RoHS Compliant

**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.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

TITLE:  
SFP+ 2x2 CONNECTOR

PART NO.:  
WHSFP15422D002

REMARK:  
gold plated 15u"

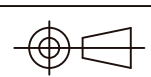
SIZE  
A4

SACLE  
1:1

SHEET  
2/4

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

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

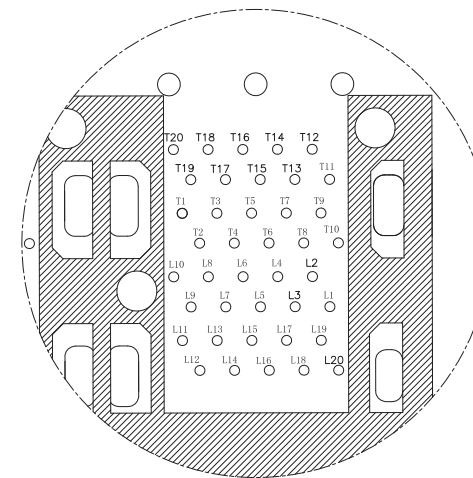
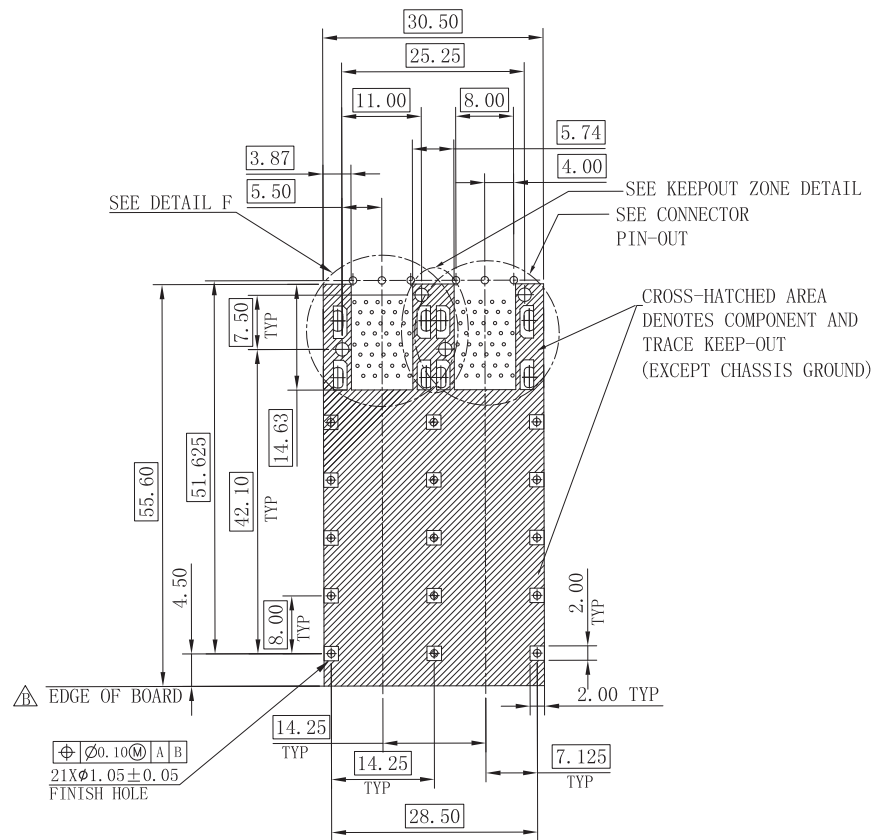
APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

DESIGND BY:  
Sunny.Xu

S+C02

| REV.<br>版本 | ECN NO.<br>变更说明 | 日期 |
|------------|-----------------|----|
|            |                 |    |



CONNECTOR PIN-OUT  
COMPONENT SIDE OF BOARD

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

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

RoHS Compliant

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

TITLE:  
SFP+ 2x2 CONNECTOR

PART NO.:  
WHSFP15422D002

REMARK:  
gold plated 15u"

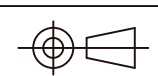
SIZE  
A4

SACLE  
1:1

SHEET  
3/4

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

$x \pm 0.35$   
 $.x \pm 0.30$   
 $.xx \pm 0.25$   
 $.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$   
 $.x^\circ \pm 2.0^\circ$   
 $.xx^\circ \pm 1.5^\circ$   
 $.xxx^\circ \pm 1.0^\circ$

APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

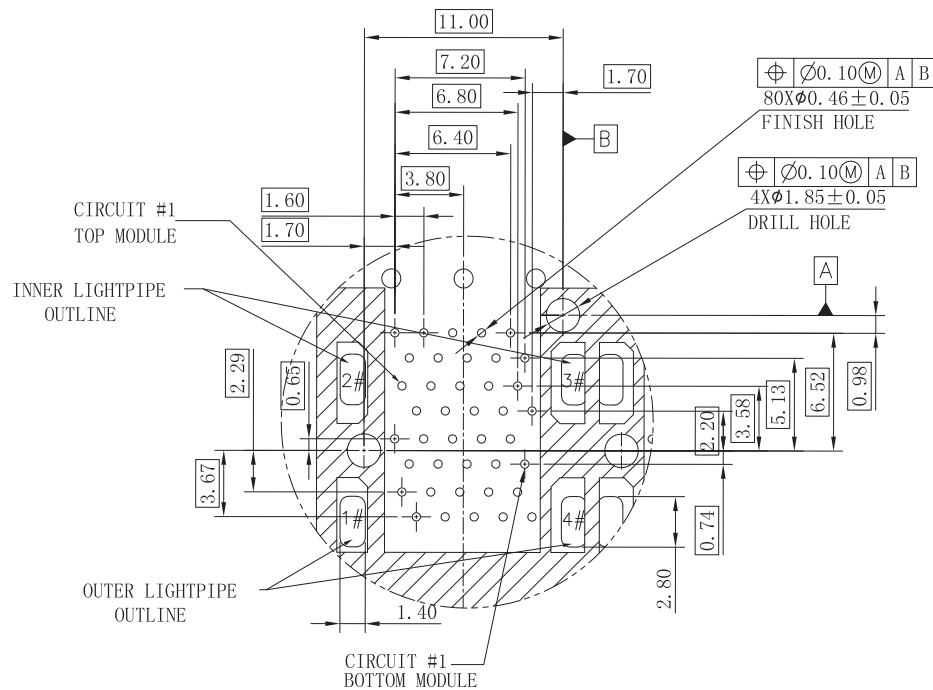
DESIGND BY:  
Sunny.Xu

TEL: +86 400 1048 018

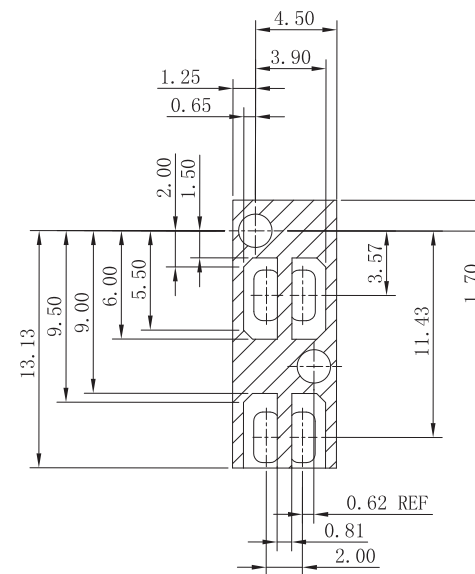
WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

S+C02

|            |                 |    |
|------------|-----------------|----|
| REV.<br>版本 | ECN NO.<br>变更说明 | 日期 |
|------------|-----------------|----|



DETAIL F  
SCALE 5:1



KEEPOUT ZONE  
DETAIL SCALE 5:1

RoHS Compliant

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

TITLE:  
SFP+ 2x2 CONNECTOR

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
WHSFP15422D002

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

TEL: +86 400 1048 018

WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

REMARK:  
gold plated 15u"

SHEET  
4/4



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

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

DESIGND BY:  
Sunny.Xu