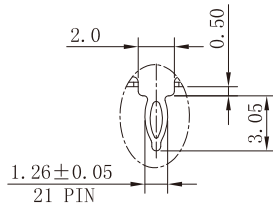
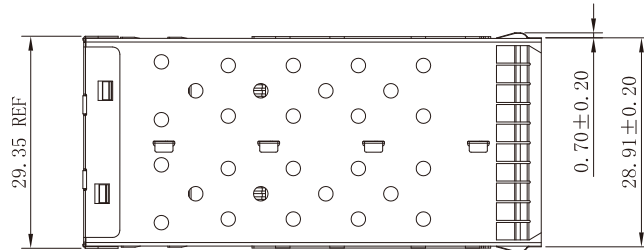


S+C02

DETAIL B
SCALE 5:1

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.

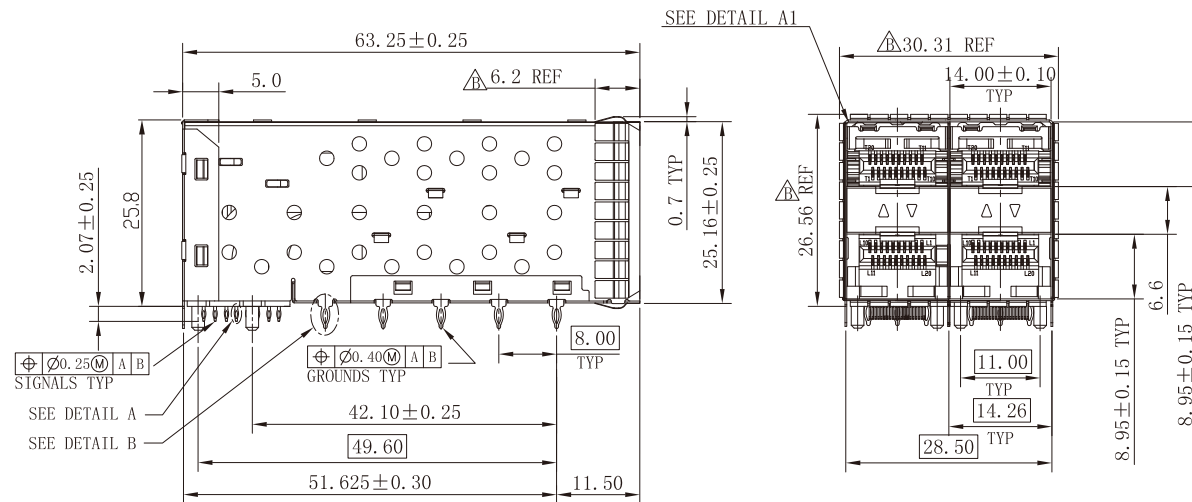
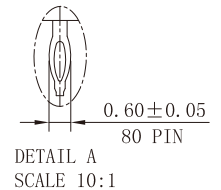
PLATED:

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):
 ΔR 10 MILLIOHMS MAXIMUM FOR SHIELD AND SIGNAL CONTACTS.
2. DIELECTRIC WITHSTANDING VOLTAGE: 300V AC/MAX.
3. INSULATION RESISTANCE: 1×10^9 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 SPECIFIEDAPPROVED 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.VOOHU.CN

1

2

3

4

5

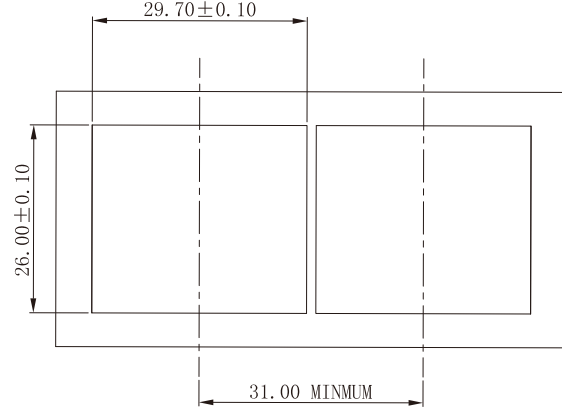
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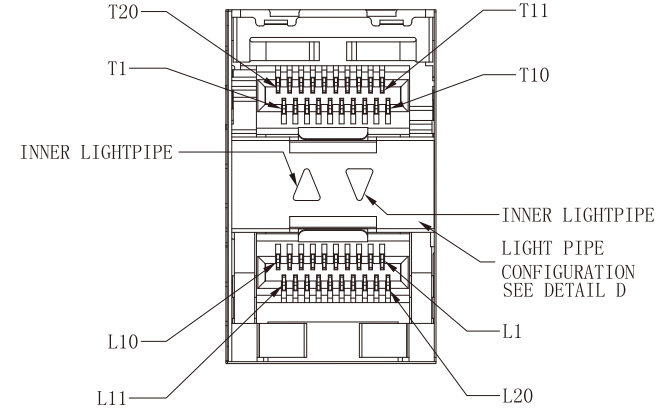
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S+C02

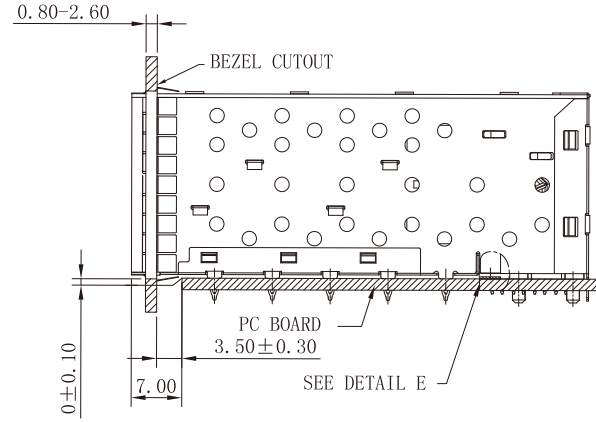
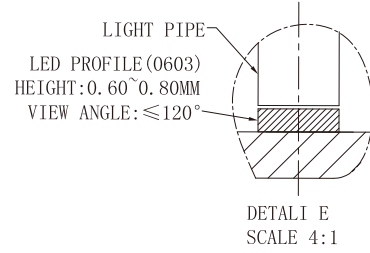
REV. 版本	ECN NO. 变更说明	日期



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



DETAIL A1
SCALE 4:1



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VOOHU 苏州沃虎电子科技有限公司
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TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

TITLE:
SFP+ 2x2 CONNECTOR

PART NO.:
WHSFP15422D002

REMARK:
gold plated 15u"

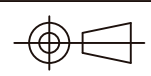
SIZE
A4

SACLE
1:1

SHEET
2/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

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

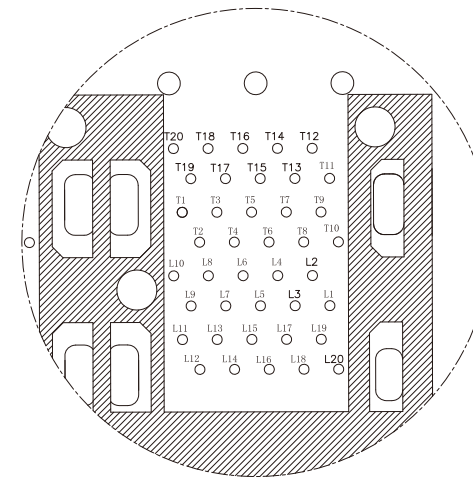
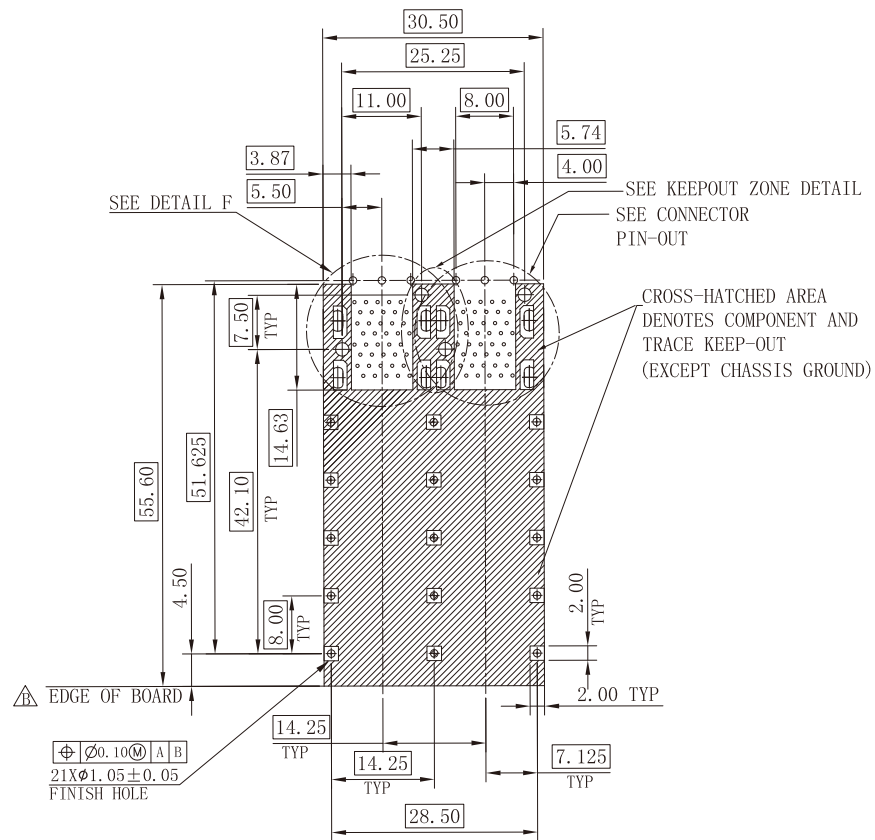
APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

S+C02

REV. 版本	ECN NO. 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"

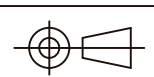
SIZE
A4

SACLE
1:1

SHEET
3/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35
.x±0.30
.xx±0.25
.xxx±0.10

x°±3.0°
.x°±2.0°
.xx°±1.5°
.xxx°±1.0°

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

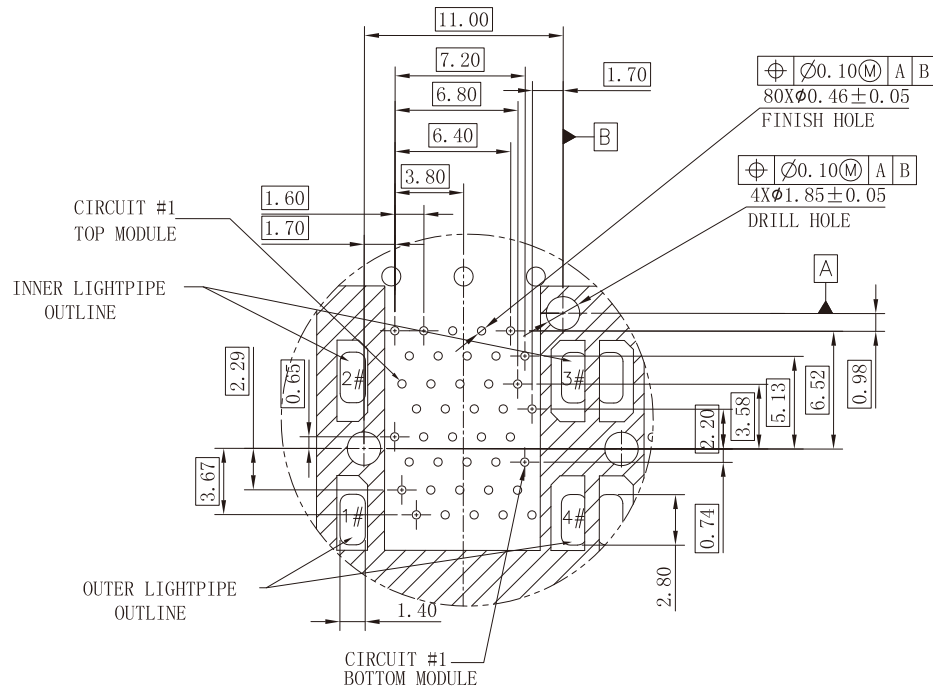
DESIGND BY:
Sunny.Xu

TEL: +86 400 1048 018

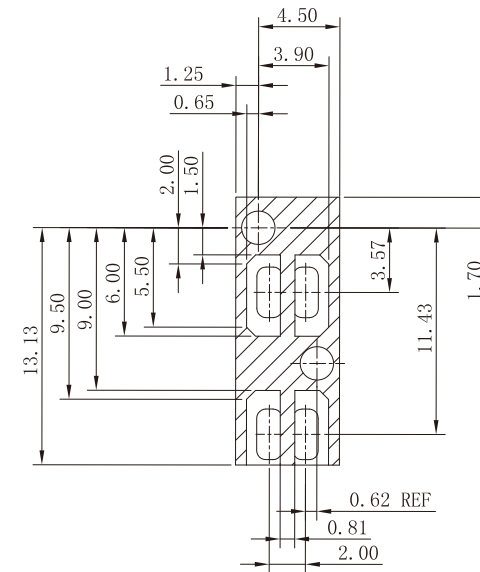
WEB: WWW.VOOHU.CN

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REV. 版本	ECN NO. 变更说明	日期



DETAIL F
SCALE 5:1



KEEPOUT ZONE
DETAIL SCALE 5:1

RoHS Compliant



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

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

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