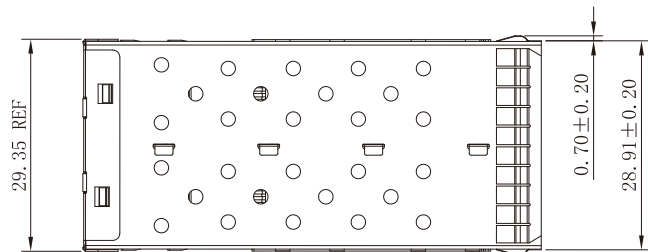
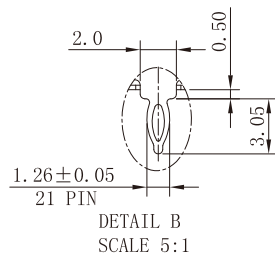


S+C02



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.

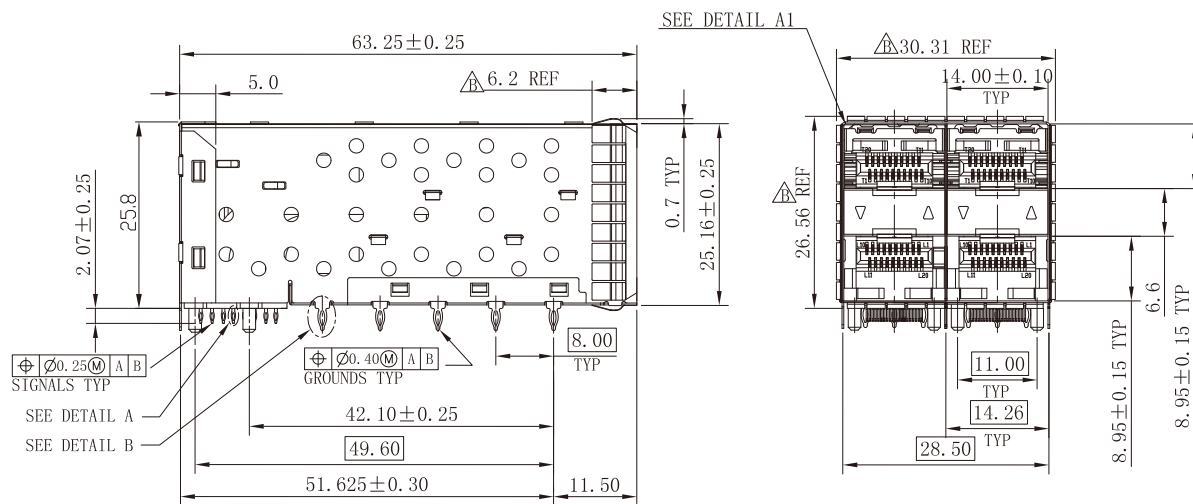
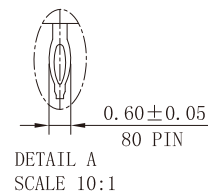
PLATED:

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):
 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 SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WHSFP15422D012

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 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

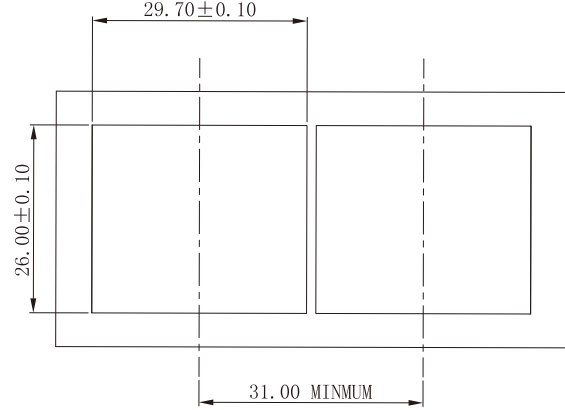
6

7

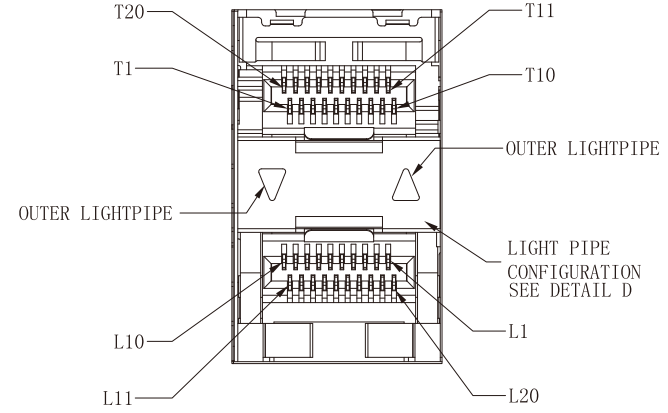
8

S+C02

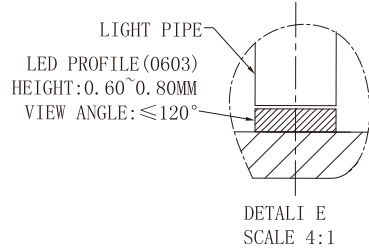
REV. 版本	ECN NO. 变更说明	日期



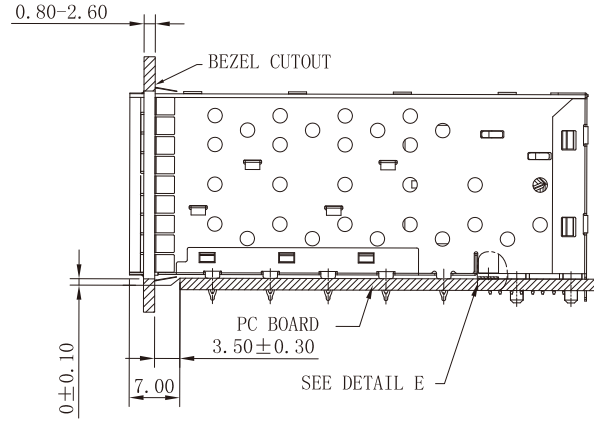
BEZEL CUT-OUT CENTER SPACING DETAIL
BEZEL THICKNESS:0.8-2.6



DETAIL A1
SCALE 4:1



DETAIL E
SCALE 4:1



RoHS Compliant

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TITLE:
SFP+ 2x2 CONNECTOR

PART NO.:
WHSFP15422D012

REMARK:
gold plated 15u"

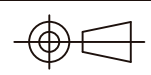
SIZE
A4

SACLE
1:1

SHEET
2/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

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

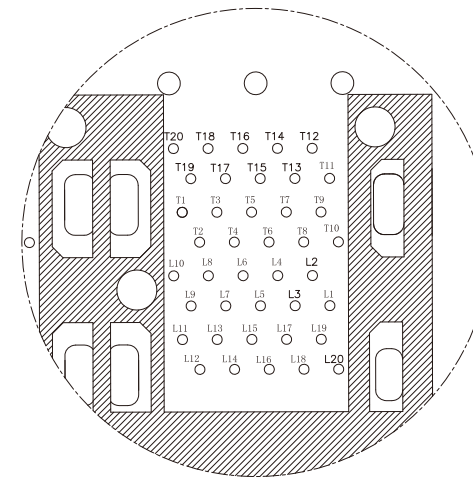
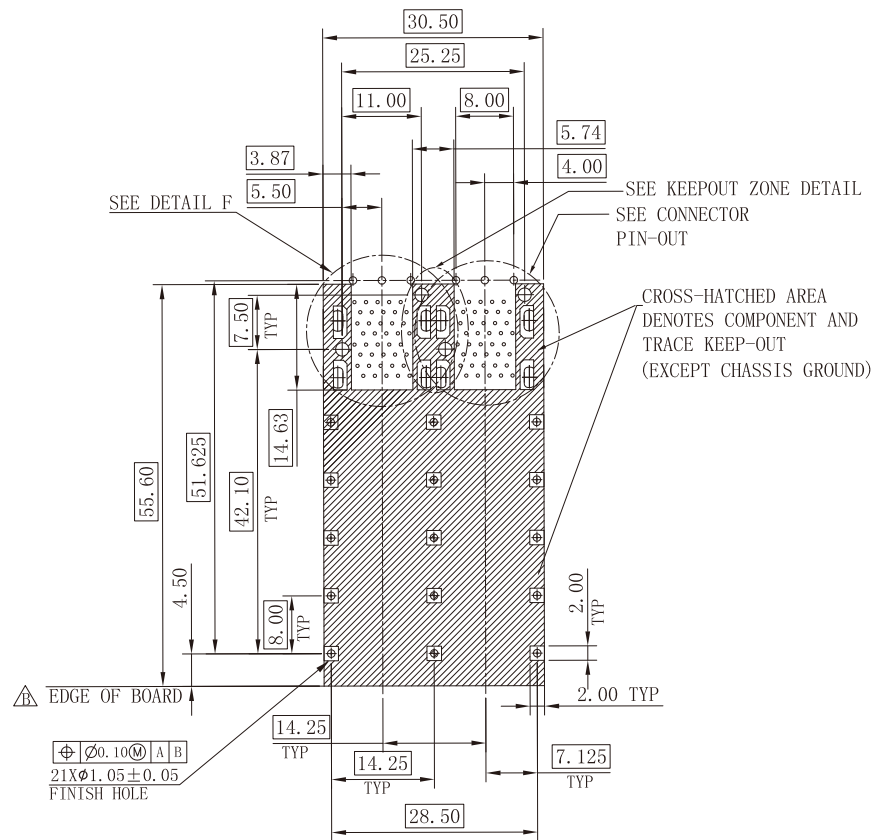
APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

S+C02

REV. 版本	ECN NO. 变更说明	日期



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

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TITLE:
SFP+ 2x2 CONNECTOR
PART NO.:
WHSFP15422D012
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°±3.0°
x±0.30
x°±2.0°
.xx±0.25
.xx°±1.5°
.xxx±0.10
.xxx°±1.0°

APPROVED BY:
Geoffrey.Song
CHECKED BY:
Elvis.Song
DESIGND BY:
Sunny.Xu



DESIGND BY:	Sunny.Xu
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