

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.

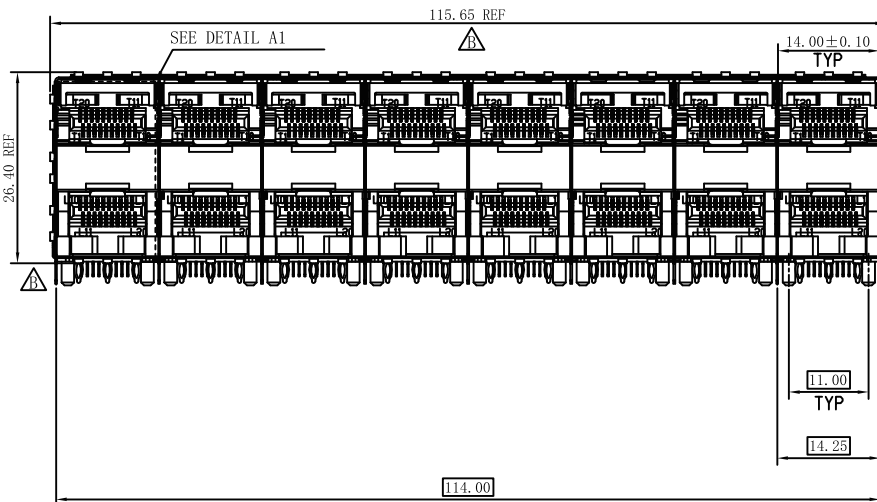
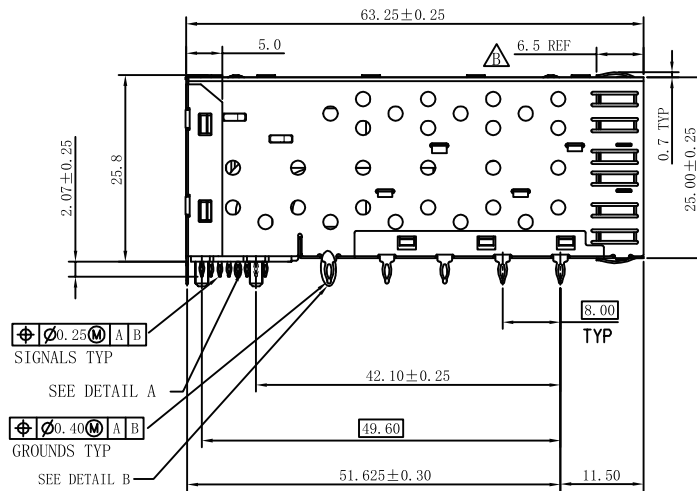
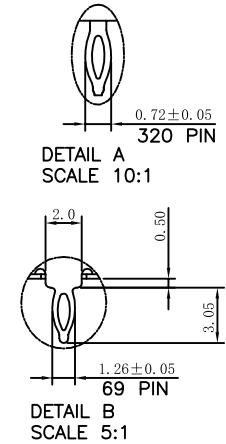
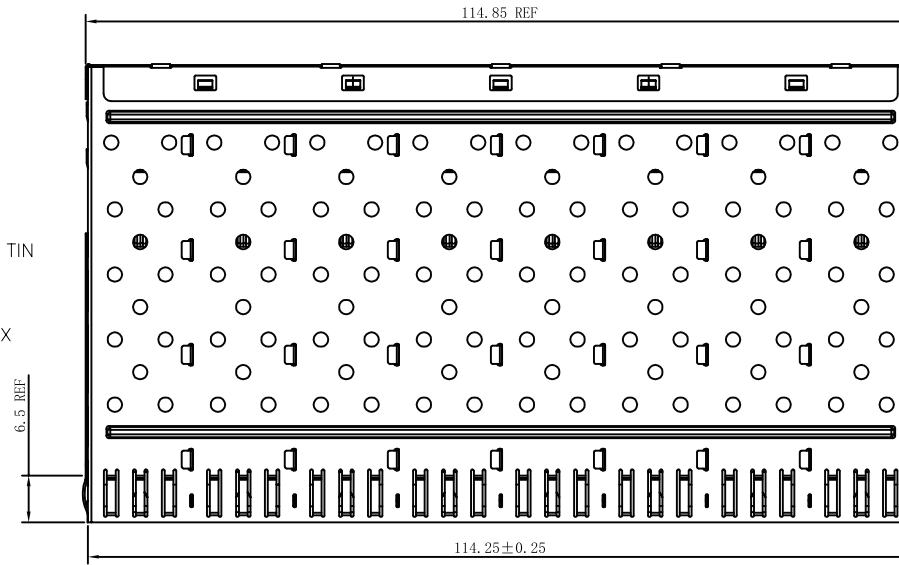
MECHANICAL REQUIREMENT:

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

ENVIRONMENTAL:

1. LOW LEVEL CONTACT RESITANCE(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

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

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

TITLE:
SFP 2X8 CONNECTOR

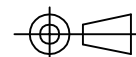
PART NO.:
WHSFP06128D003

REMARK:
Gold plated 15u"

SIZE
A4

SACLE
1:1

SHEET
1/4



UNITS
MM[INCH]

REV
A0

GENERAL TOLERANCES
UNLESS SPECIFIED

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

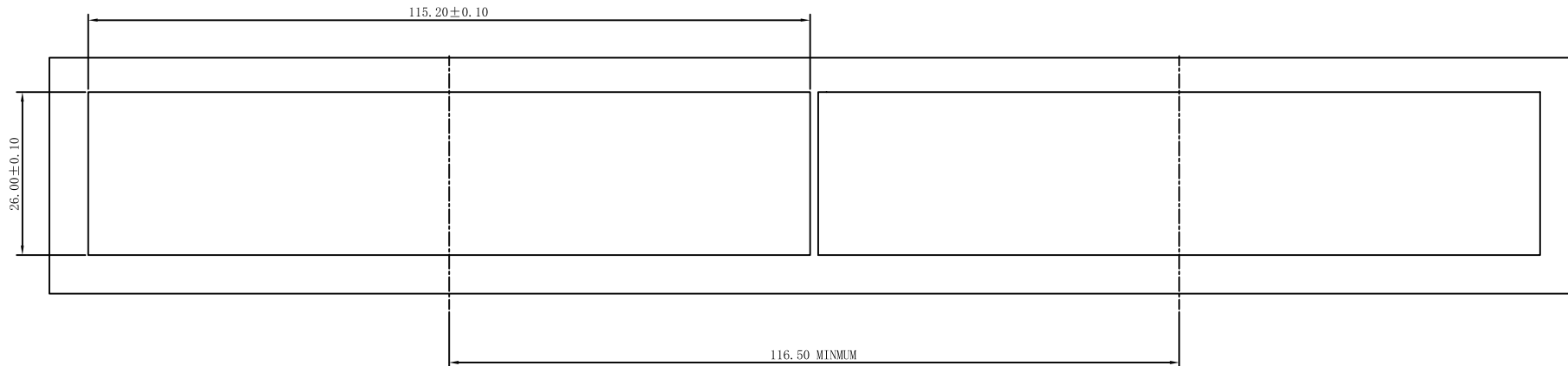
$x^{\circ} \pm 3.0^{\circ}$
 $.x^{\circ} \pm 2.0^{\circ}$
 $.xx^{\circ} \pm 1.5^{\circ}$
 $.xxx^{\circ} \pm 1.0^{\circ}$

APPROVED BY:
Geoffrey.Song

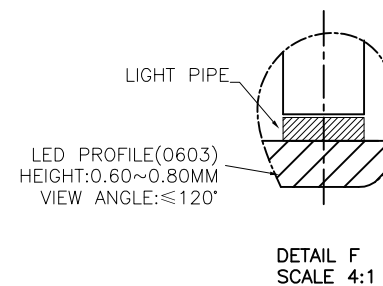
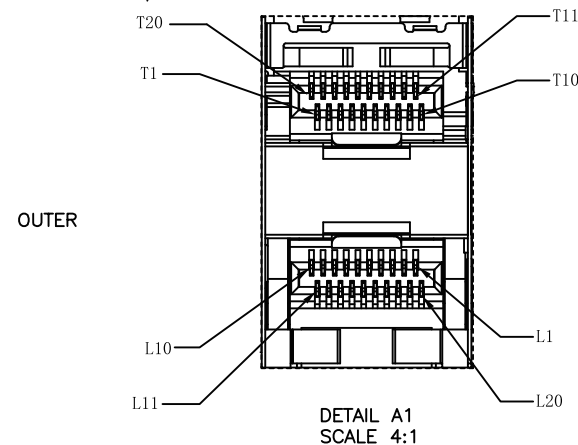
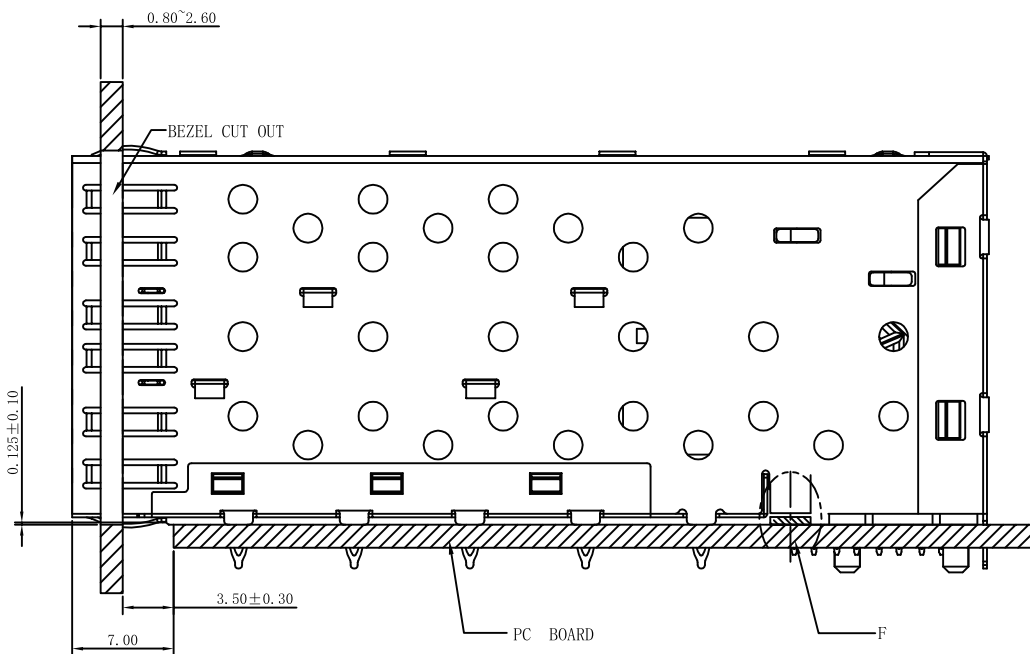
CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

SC02



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



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TITLE:
SFP 2X8 CONNECTOR

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
WHSFP06128D003

SACLE
1:1

REV
A0

$x \pm 0.35$ $x^\circ \pm 3.0^\circ$
 $.x \pm 0.30$ $.x^\circ \pm 2.0^\circ$

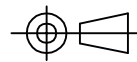
CHECKED BY:
Elvis.Song

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REMARK:
Gold plated 15u"

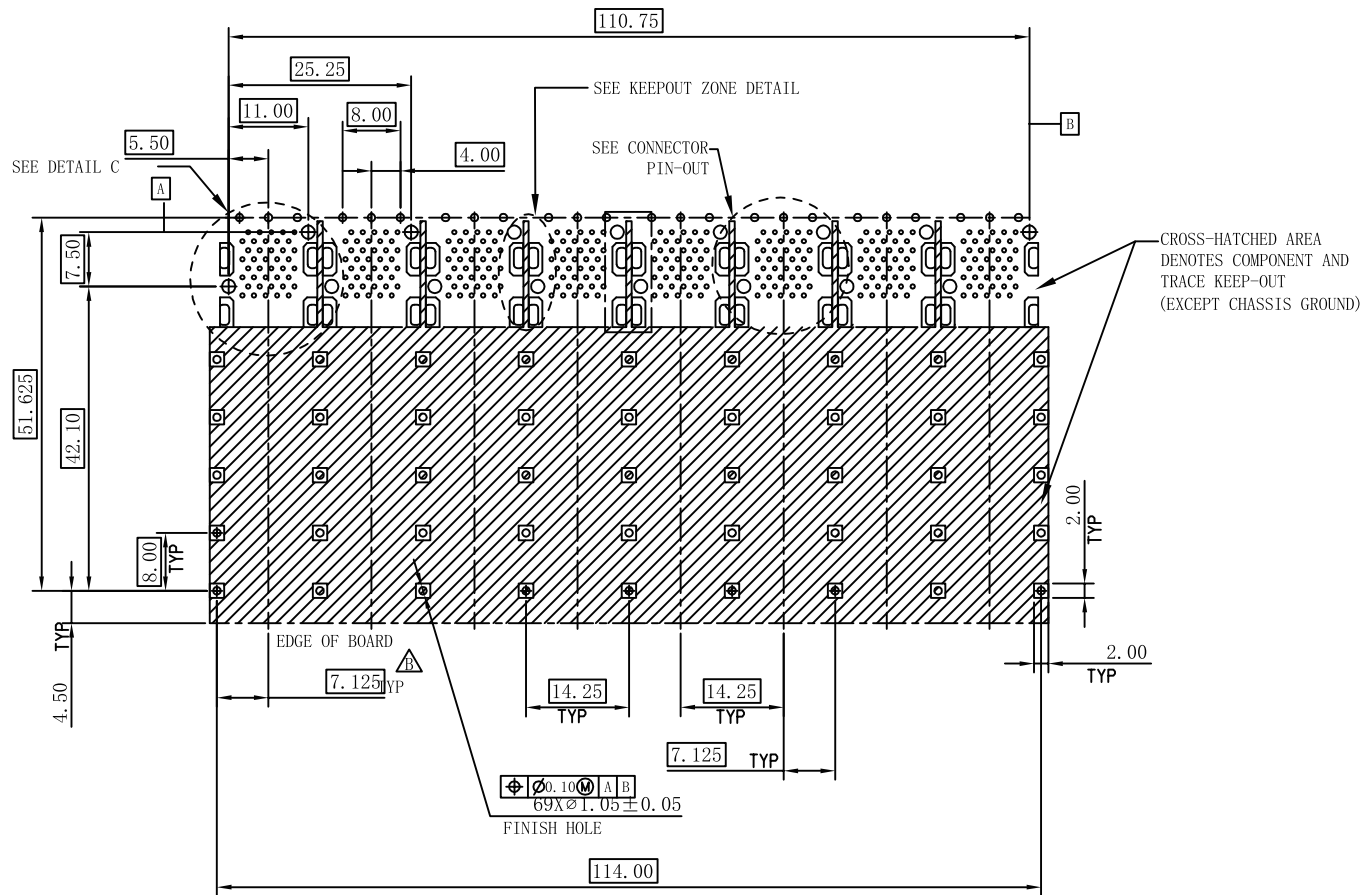
SHEET
1/4



$.xx \pm 0.25$ $.xx^\circ \pm 1.5^\circ$
 $.xxx \pm 0.10$ $.xxx^\circ \pm 1.0^\circ$

DESIGND BY:
Sunny.Xu

SC02



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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SFP 2X8 CONNECTOR

SIZE
A4 UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

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PART NO.:
WHSFP06128D003

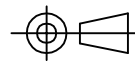
SACLE
1:1 REV
A0

x±0.35	x°±3.0°
.x±0.30	.x°±2.0°

CHECKED BY:
Elvis. Song

REMARK:
Gold plated 15u"

SHEET
1/4



.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°

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