

# CUSTOMER DRAWING

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:

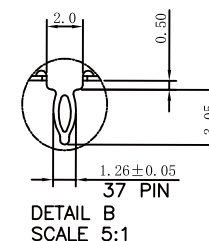
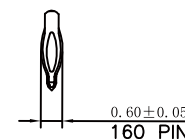
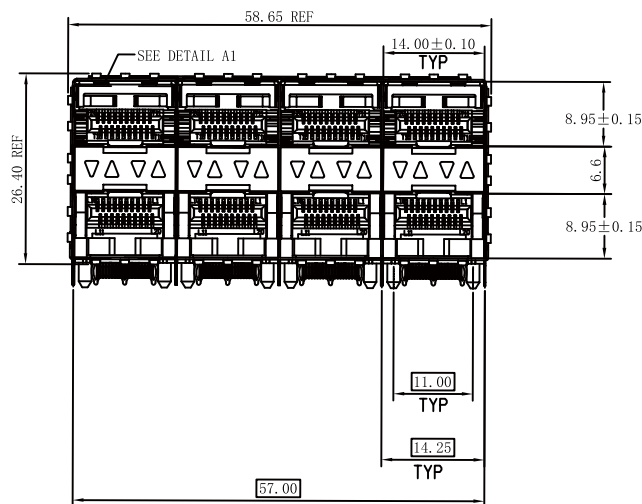
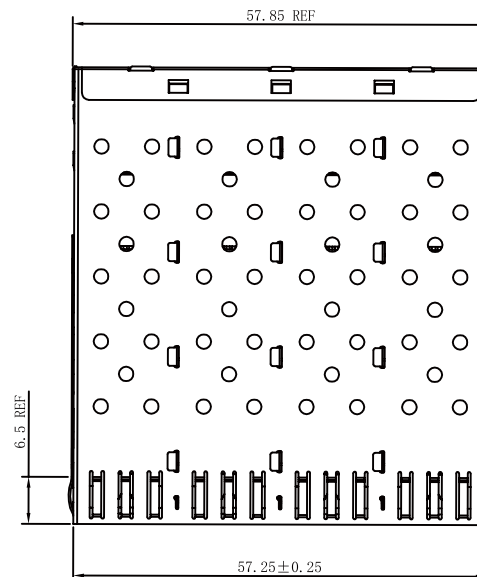
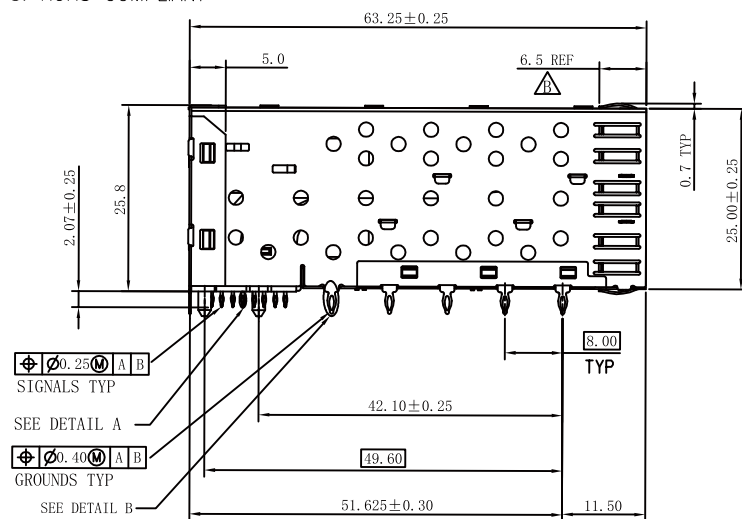
1. CONTACT MATING AREA : PLATING GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.
2. CONTACT NEEDLE EYE: 1.27 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

MECHANICAL REQUIREMENT:

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

ENVIRONMENTAL:

1. LOW LEVEL CONTACT RESISTANCE(LLCR):  
ΔR 20 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 2X4 CONNECTOR

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WHSFP05624D005

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  
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

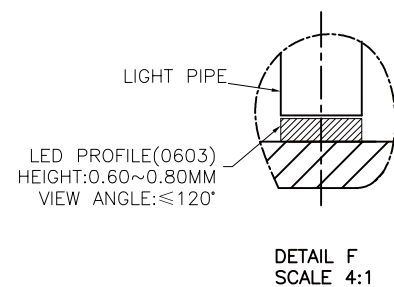
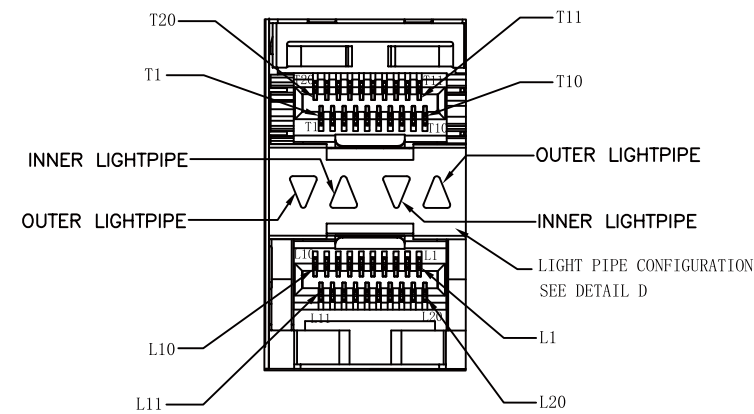
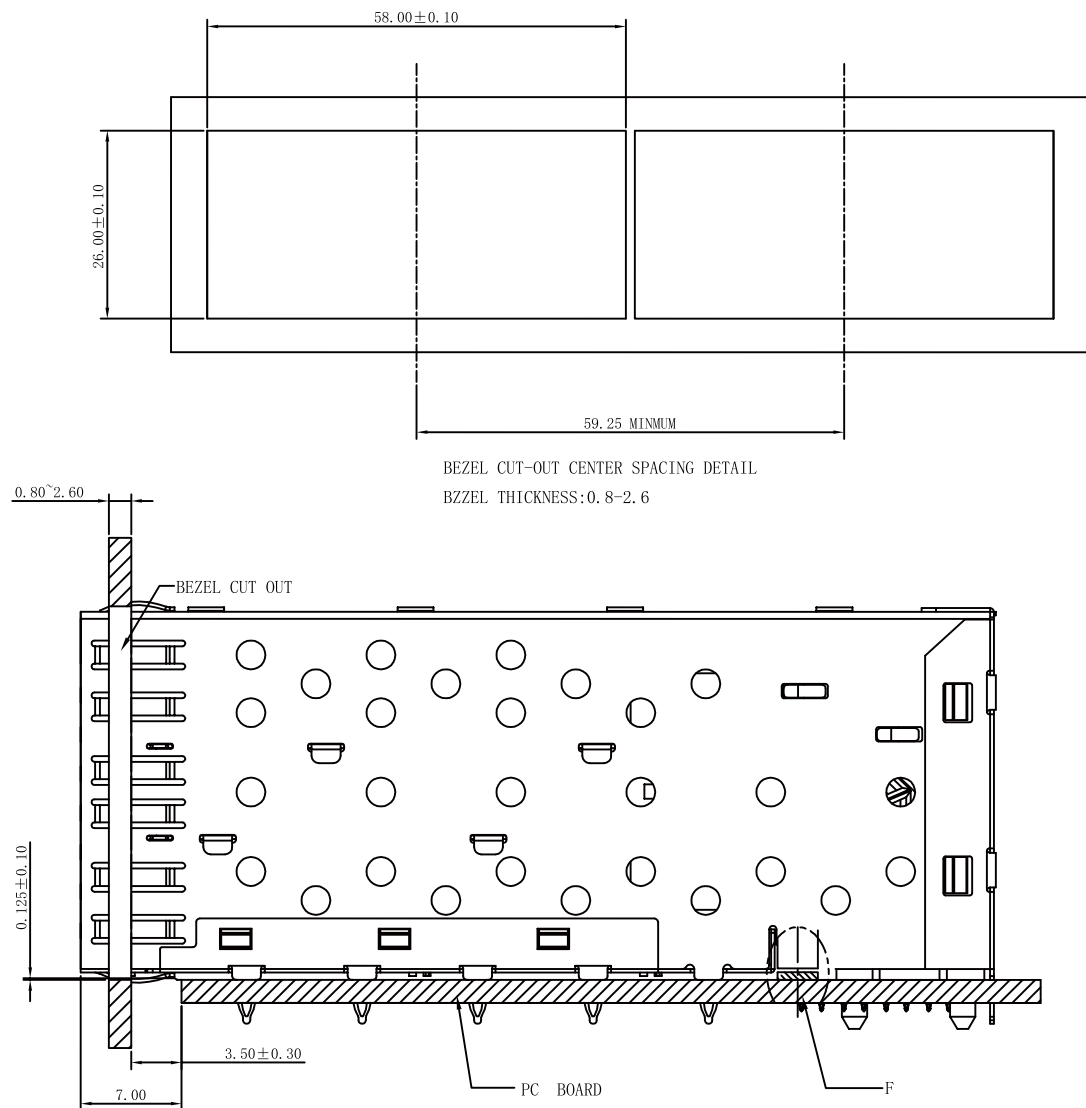


苏州沃虎电子科技有限公司  
Su Zhou Voohu Electronic Tech.Co.Ltd

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WEB:WWW.VOOHU.CN

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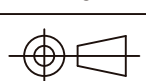
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SACLE  
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SHEET  
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UNLESS SPECIFIED

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 $.x \pm 0.30$

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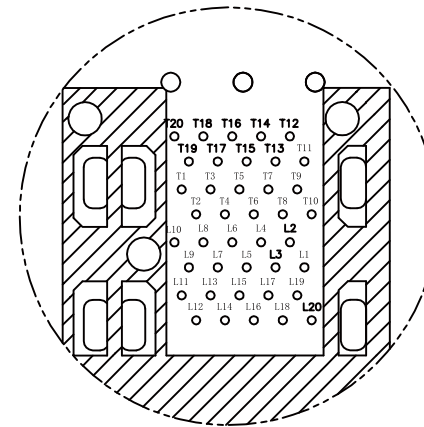
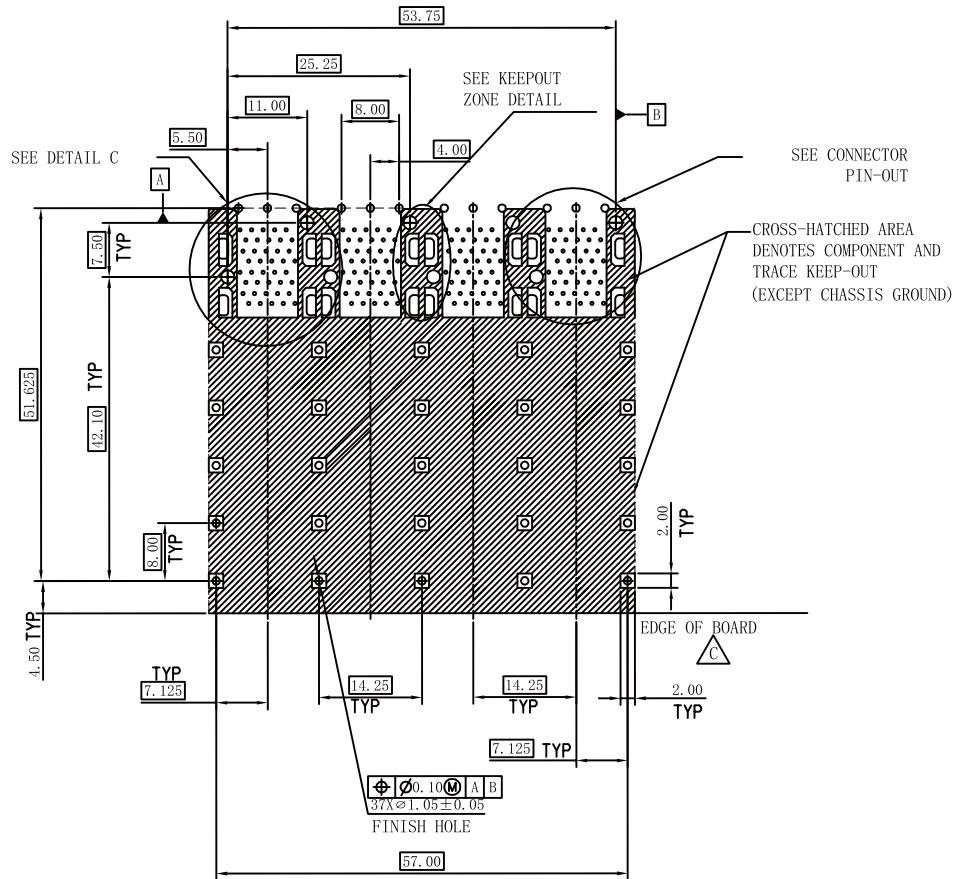
$.xx^\circ \pm 1.5^\circ$   
 $.xxx^\circ \pm 1.0^\circ$

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Geoffrey.Song

CHECKED BY:  
Elvis.Song

DESIGND BY:  
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CUSTOMER DRAWING



CONNECTOR PIN-OUT  
COMPONENT SIDE OF BOARD

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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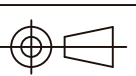
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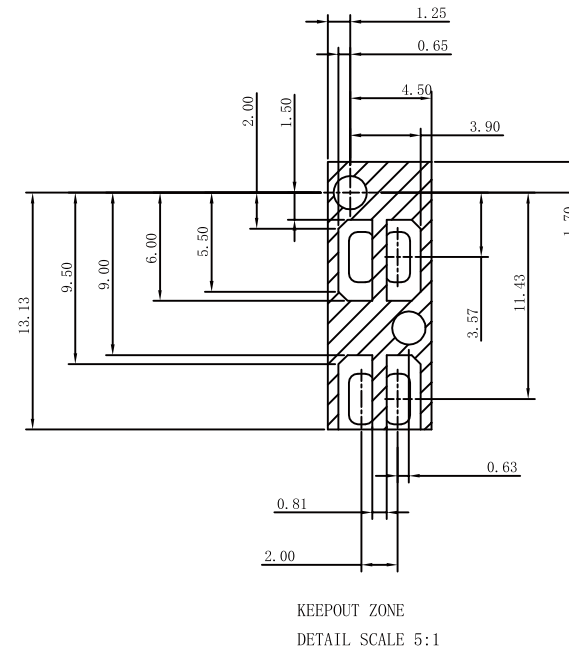
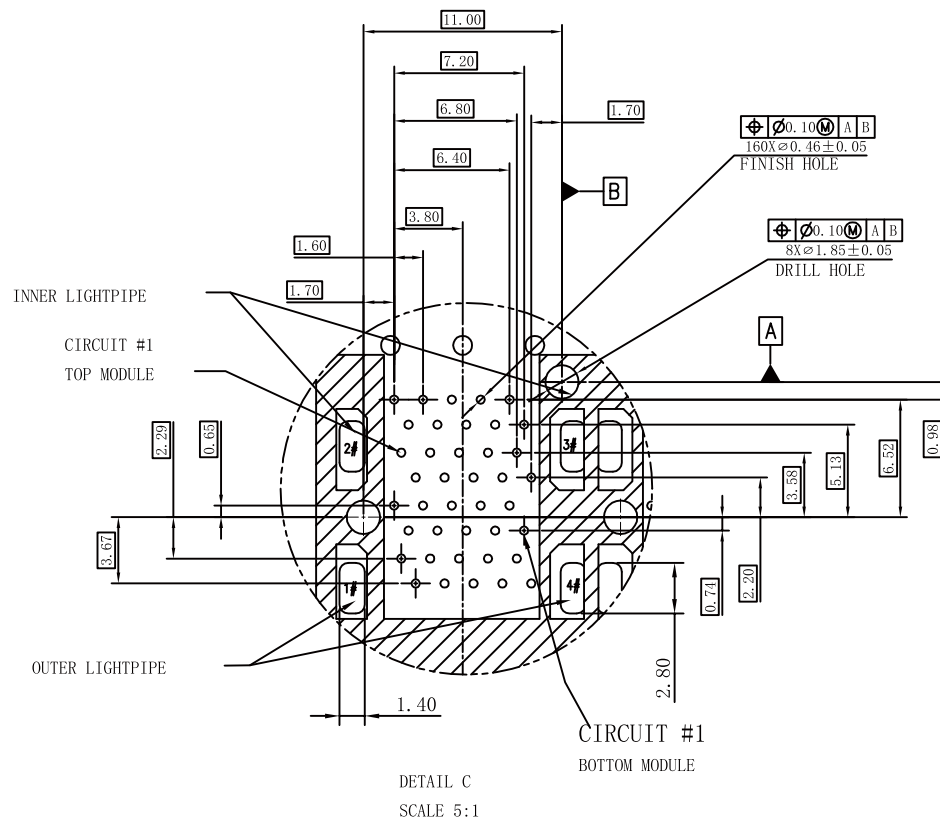
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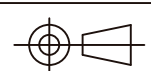
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