

REACH & RoHS
COMPLIANT

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.

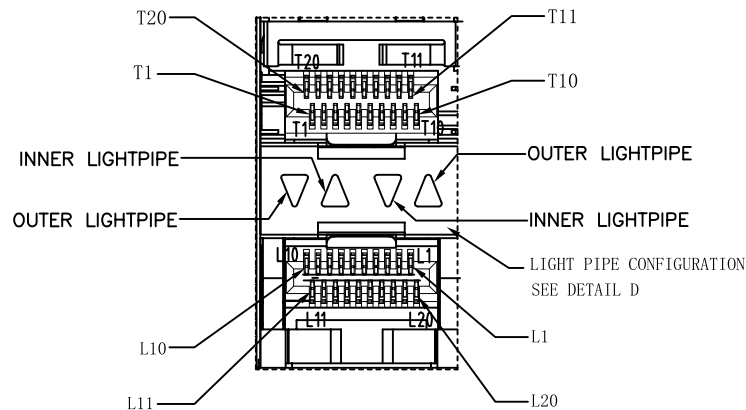
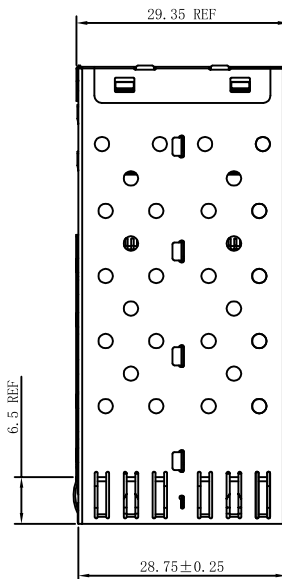
2. CONTACT NEEDLE EYE: 1.27 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

MECHANICAL REQUIREMENT:

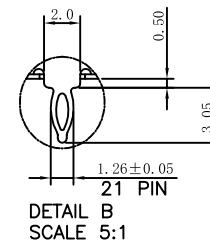
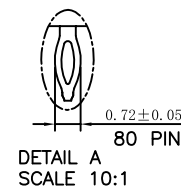
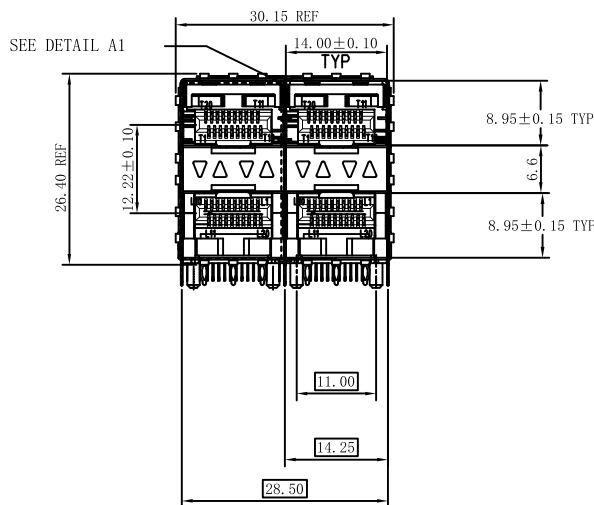
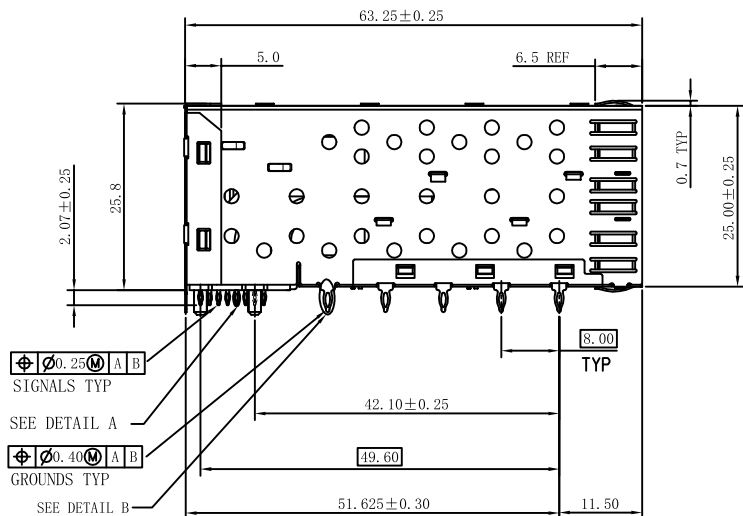
1. DURABILITY: 100 CYCLES MIN.
2. INSERTION AND EXTRACTION FORCE: 40N MAX & 11.5N MAX

ENVIRONMENTAL:

1. LOW LEVEL CONTACT RESISTANCE(LLCR):
ΔR 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



DETAIL A1
SCALE 4:1



TITLE:

SFP 2X2 Gold Palting 15U"

SIZE

A4

UNITS

MM[INCH]

GENERAL TOLERANCES

UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WHSFP05422D019

SCALE

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:

Ni Unplanted

SHEET

1/4



$.xx \pm 0.25$

$.xxx \pm 0.10$

$.xx^{\circ} \pm 1.5^{\circ}$

$.xxx^{\circ} \pm 1.0^{\circ}$

DESIGNED BY:

Sunny.Xu

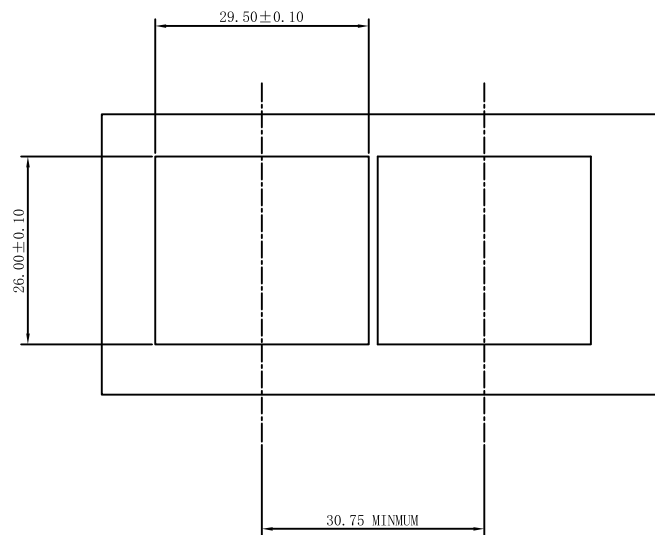


苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

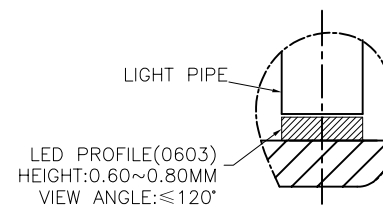
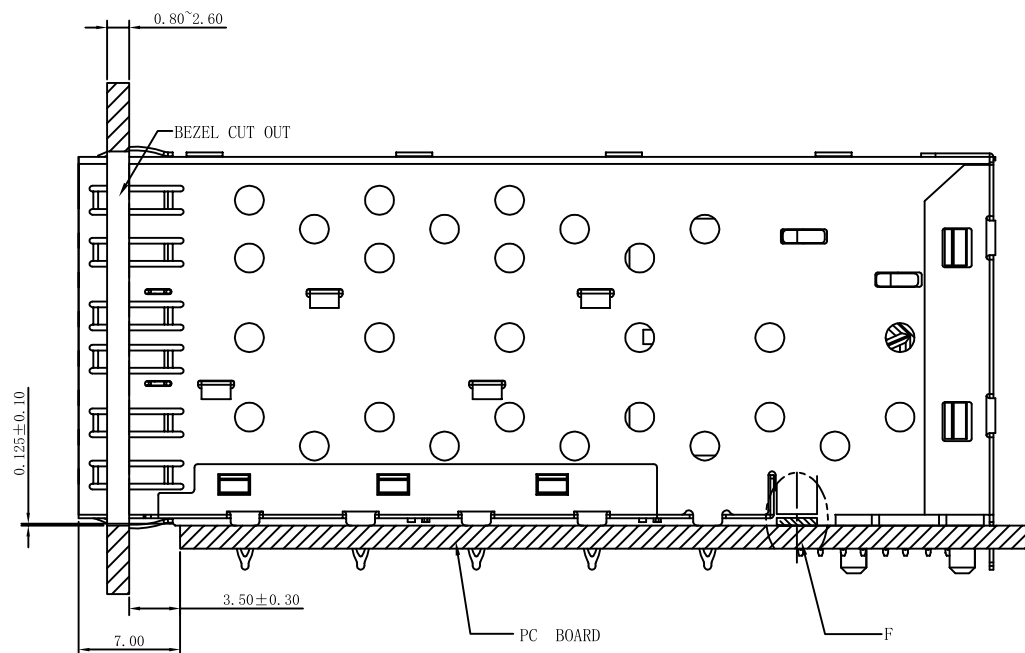
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BEZEL CUT-OUT CENTER SPACING DETAIL
BZZEL THICKNESS:0.8-2.6



DETAIL F
SCALE 4:1

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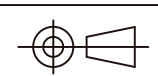
SIZE
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SCALE
1:1

SHEET
2/4

UNITS
MM[INCH]

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GENERAL TOLERANCES
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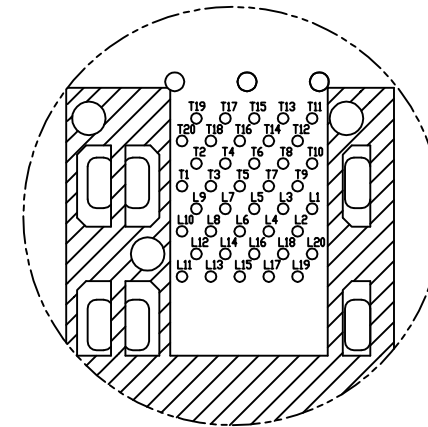
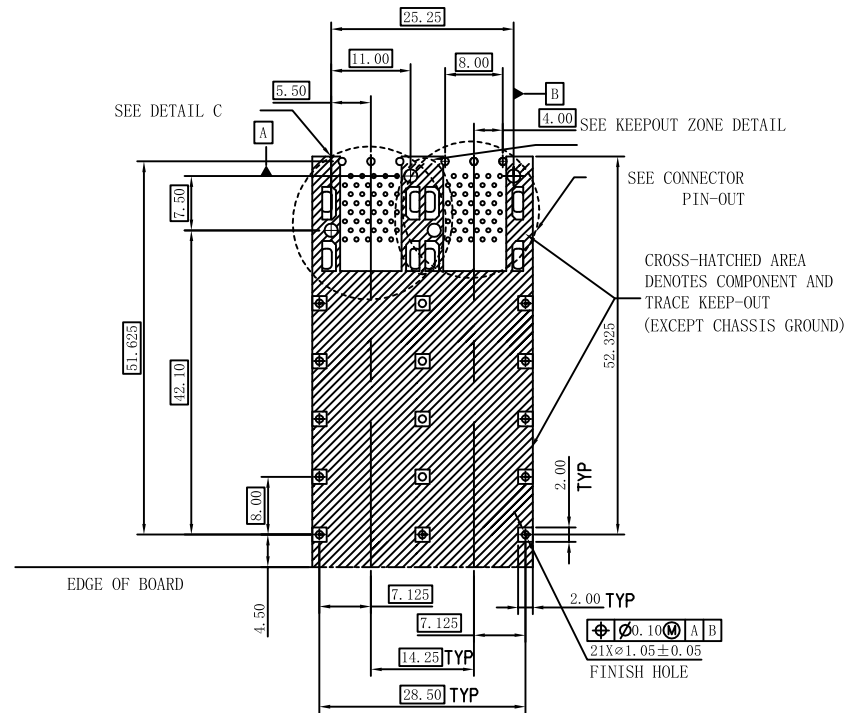
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$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
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Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGNED BY:
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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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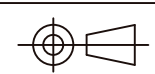
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UNLESS SPECIFIED

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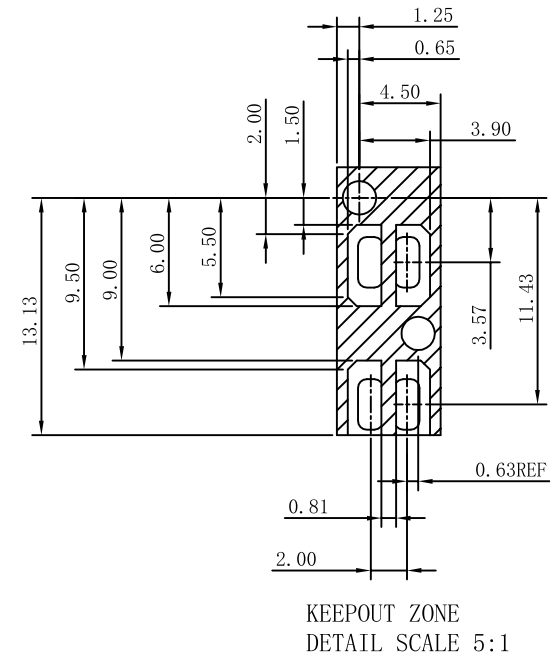
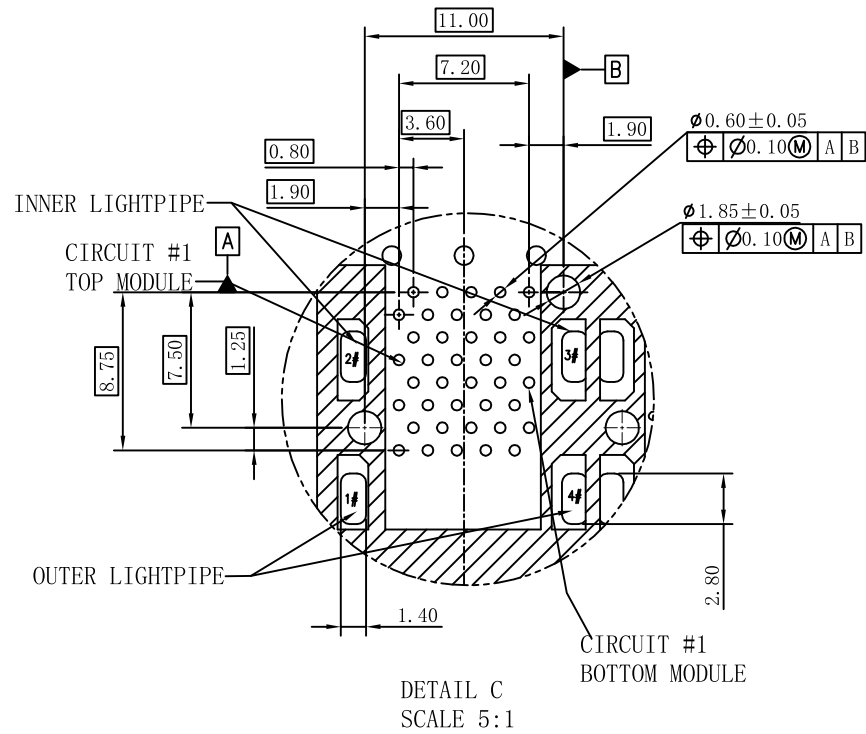
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