

CUSTOMER DRAWING

NOTE:

MATERIAL:

- CONTACT: PHOSPHOR BRONZE.
- CONNECTOR HOUSING: LCP UL 94V-0. COLOR: BLACK.
- MOULDED INSERT: HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR:BLACK.
- CAGE: COPPER ALLOY.
- LIGHT PIPES: POLYCARBONATE. UL 94V-0. COLOR:CLEAR
- LIGHT PIPE HOUSING: PBT UL 94V-0 COLOR:BLACK.

PLATED:

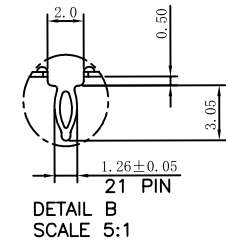
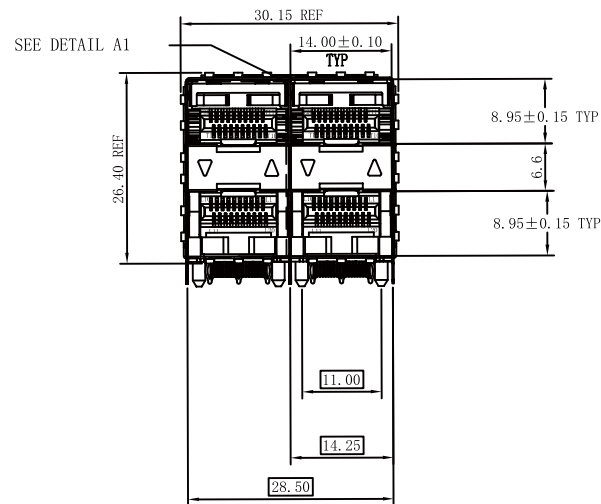
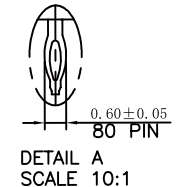
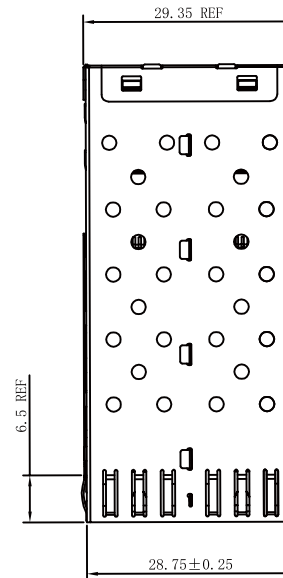
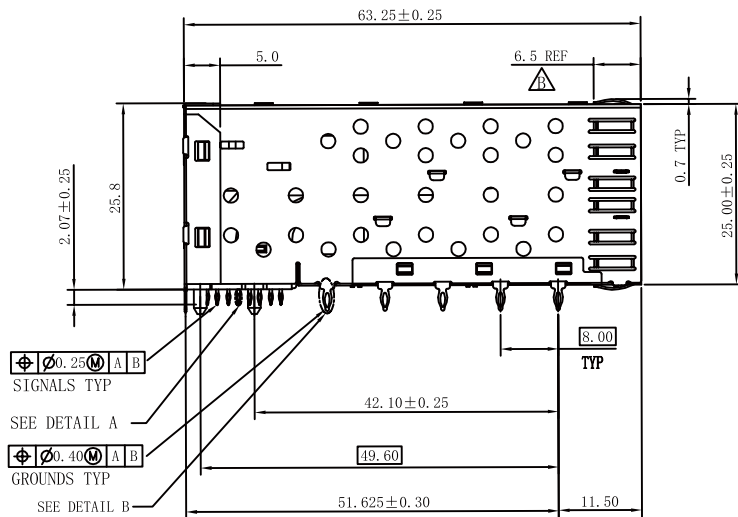
- CONTACT MATING AREA : PLATING GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.
- CONTACT NEEDLE EYE: 1.27 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

MECHANICAL REQUIREMENT:

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

ENVIRONMENTAL:

- LOW LEVEL CONTACT RESITANCE(LLCR):
ΔR 20 MILLIOHMS MAXIMUM FOR SHIELD AND SIGNAL CONTACTS.
- DIELECTRIC WITHSTANDING VOLTAGE: 300V AC/MAX.
- INSULATION RESISTANCE: 1×10^9 OHMS MINIMUM.
- RATINGS CURRENT: 0.5 AMPS MAX.
- RATINGS VOLTAGE: 30 VOLTS DC/AC(RMS) MAX.
- OPERATION: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.
- STORAGE: $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$.
- ROHS COMPLIANT



RoHS Compliant



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.:
WHSFP05422D014

REMARK:
gold plated 15u"

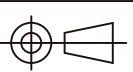
SIZE
A4

SACLE
1:1

SHEET
1/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

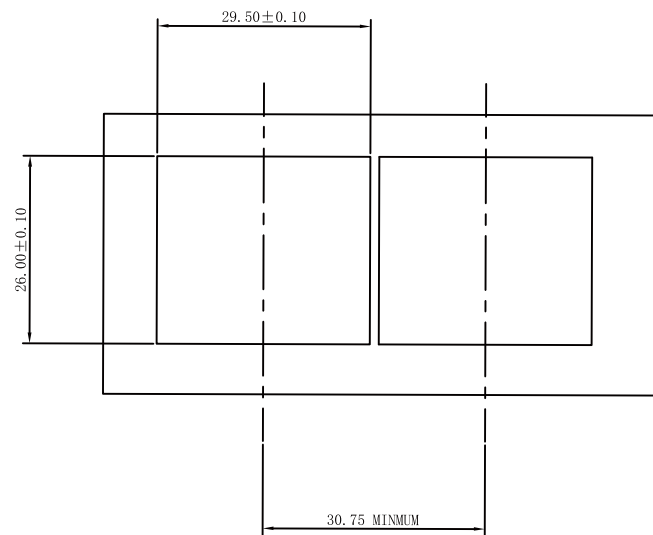
$x \pm 0.35$	$x^{\circ} \pm 3.0^{\circ}$
$.x \pm 0.30$	$.x^{\circ} \pm 2.0^{\circ}$
$.xx \pm 0.25$	$.xx^{\circ} \pm 1.5^{\circ}$
$.xxx \pm 0.10$	$.xxx^{\circ} \pm 1.0^{\circ}$

APPROVED BY:
Geoffrey.Song

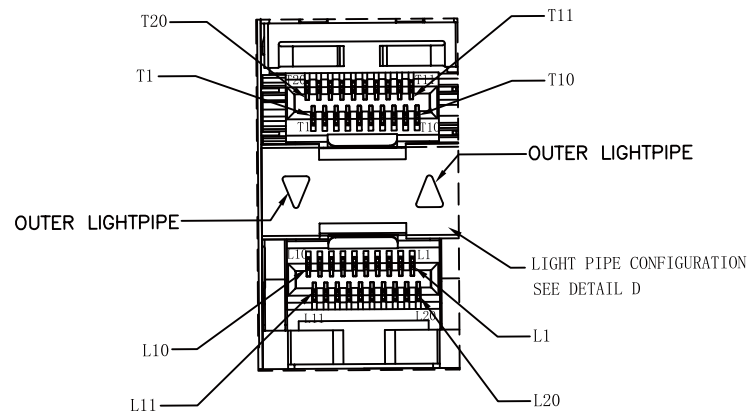
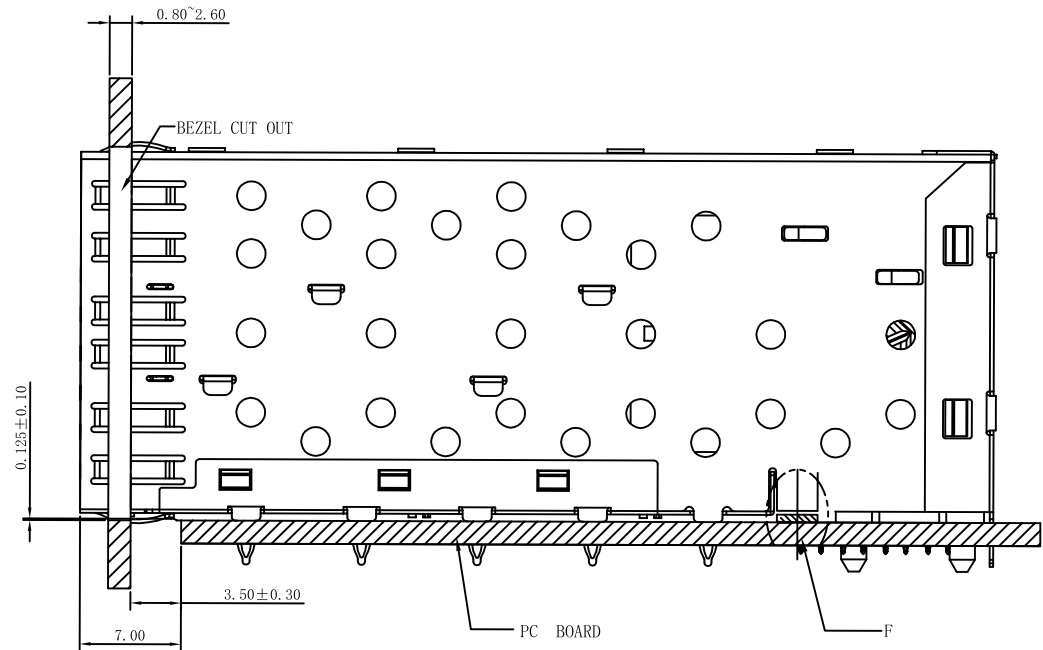
CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

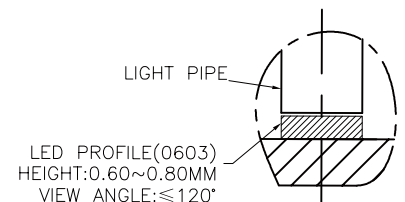
CUSTOMER DRAWING



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



DETAIL A1
SCALE 4:1



LED PROFILE(0603)
HEIGHT: 0.60 ~ 0.80MM
VIEW ANGLE: ≤ 120°

DETAIL F
SCALE 4:1

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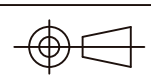
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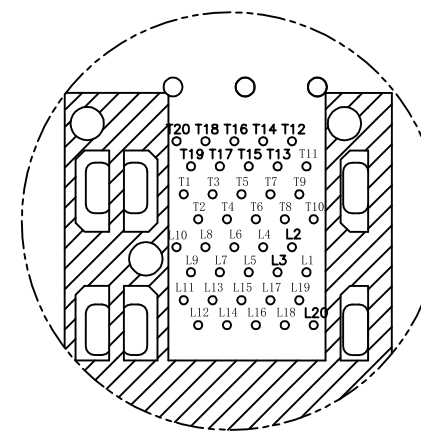
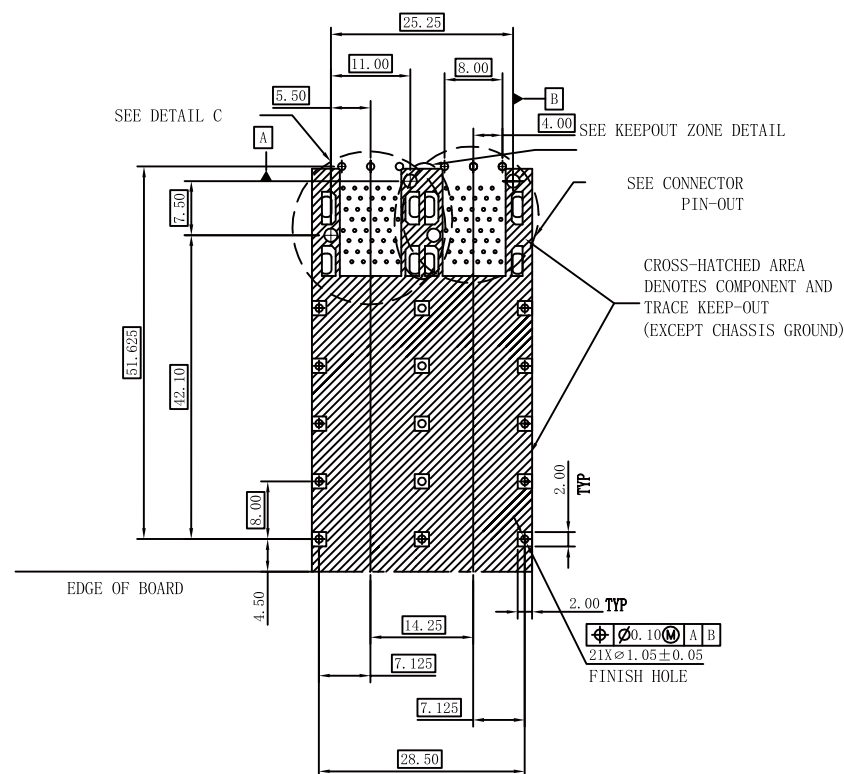
$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$
 $.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

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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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SHEET
3/4



$.xx \pm 0.25$
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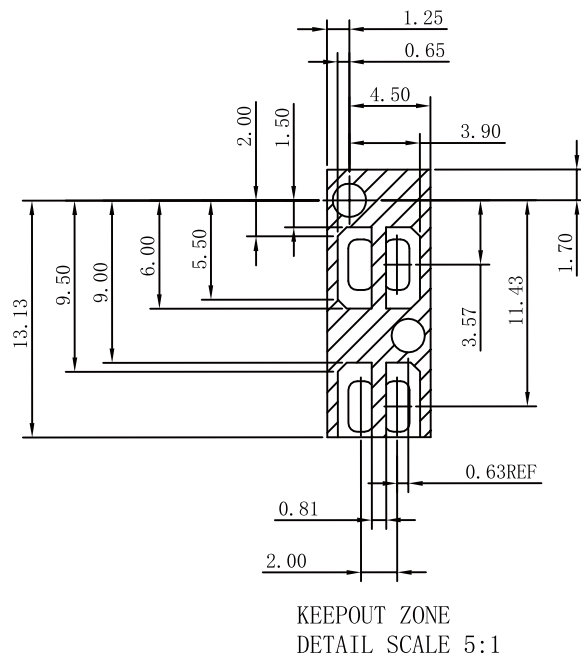
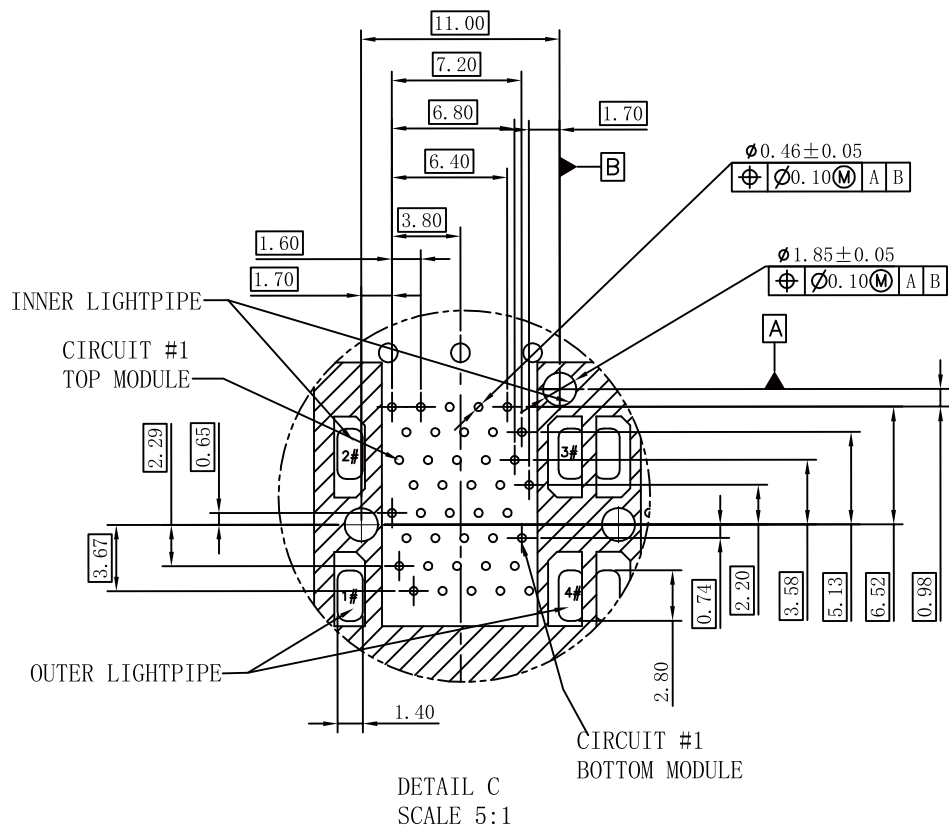
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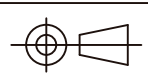
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