

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. EMI SPRING: COPPER ALLOY.

PLATED:

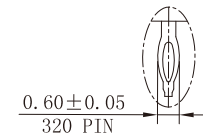
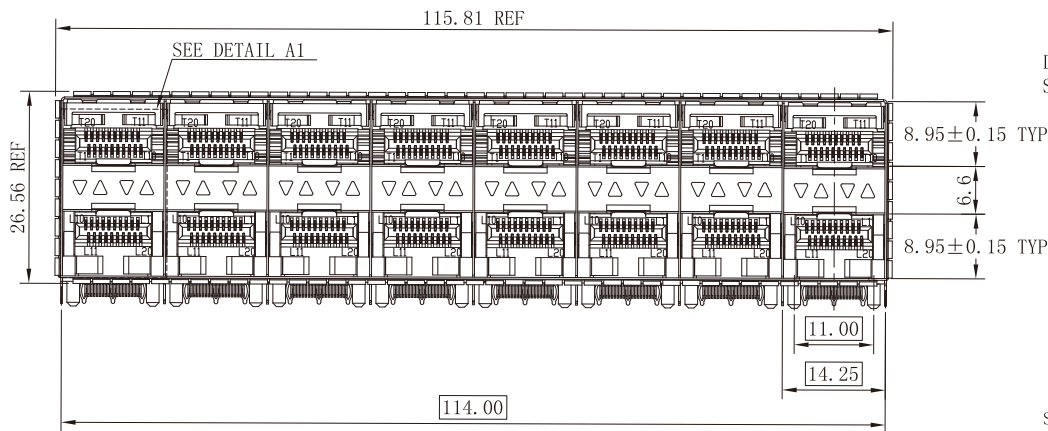
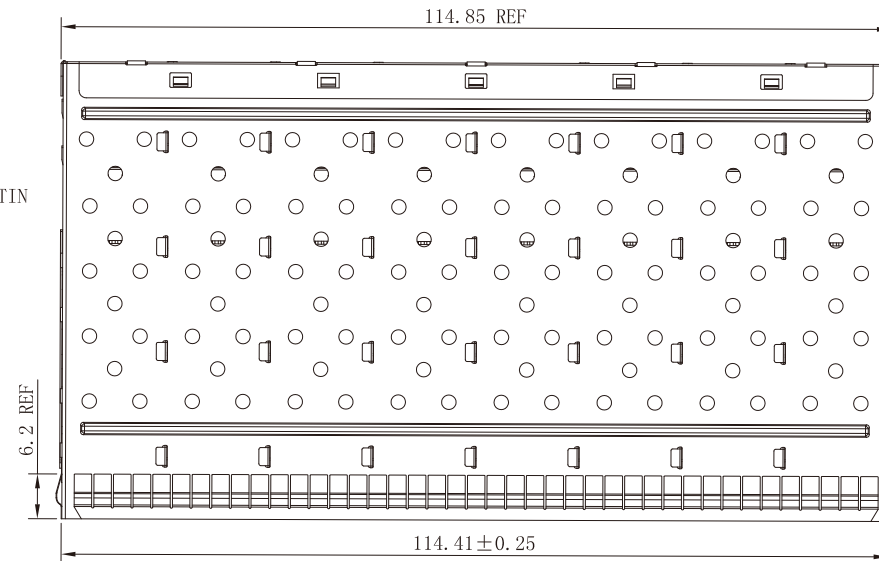
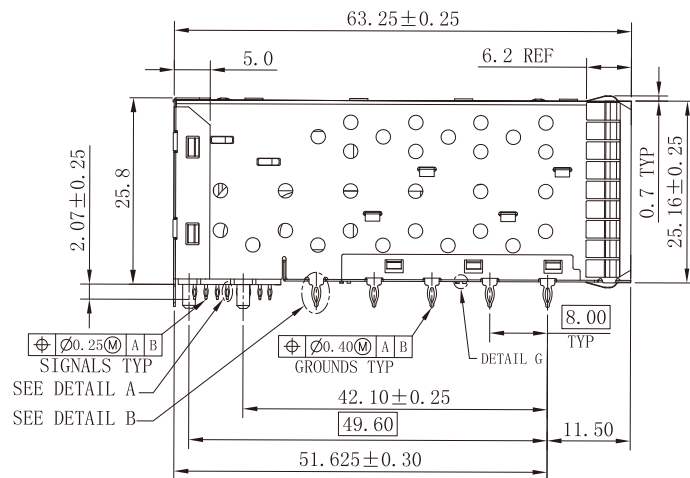
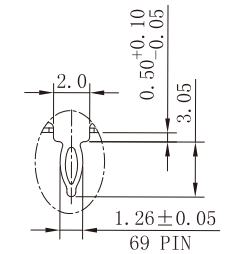
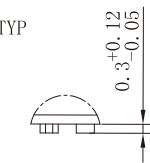
1. CONTACT MATING AREA : PLATING GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.
2. CONTACT NEEDLE EYE: 2.54 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

MECHANICAL REQUIREMENT:

1. DURABILITY: 100 CYCLES MIN.
2. INSERTION AND EXTRACTION FORCE: 40N MAX & 12.5N MAX

ENVIRONMENTAL:

1. LOW LEVEL CONTACT 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

DETAIL A
SCALE 10:1DETAIL B
SCALE 5:1DETAIL G
SCALE 10:1

RoHS Compliant

TITLE:

SFP+ 2x8 CONNECTOR

SIZE

A4

UNITS

MM[INCH]

GENERAL TOLERANCES

UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WHSFP16228F028

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:

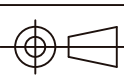
Elvis.Song

REMARK:

gold plated 30u" Ni 30u"MIN

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:

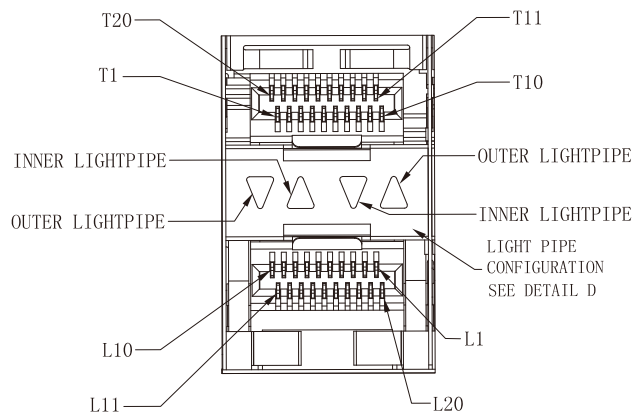
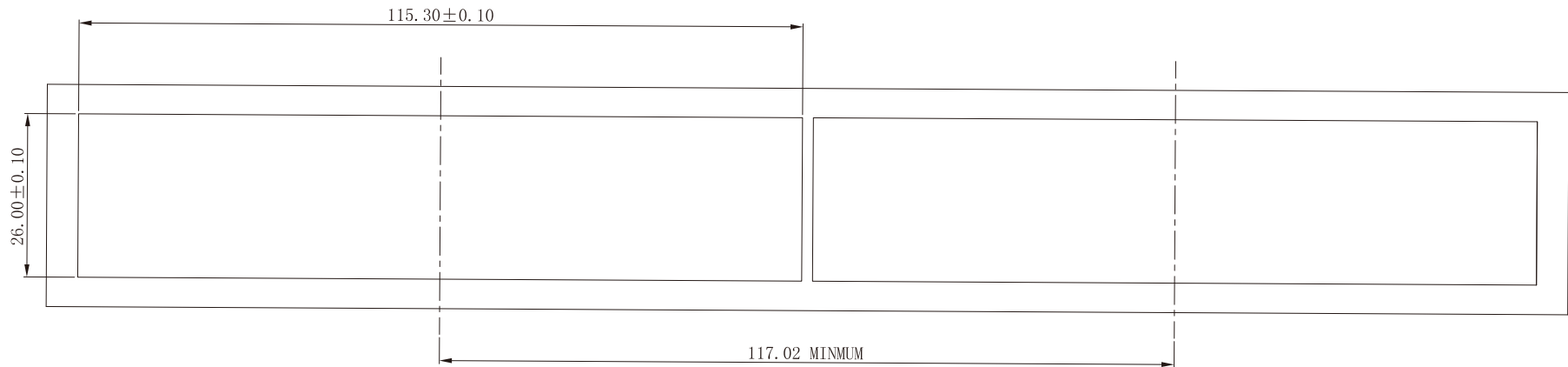
Sunny.Xu

苏州沃虎电子科技有限公司
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TEL: +86 400 1048 018

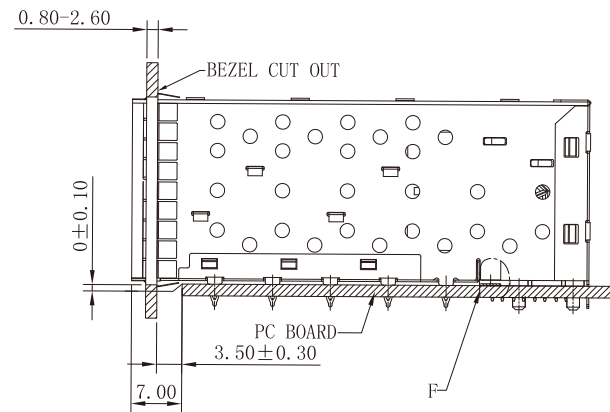
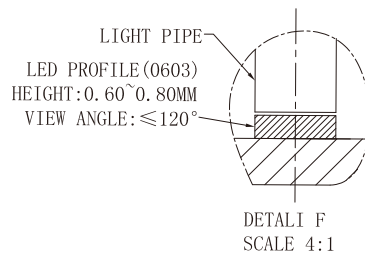
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DETAIL A1
SCALE 4:1

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



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A0

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

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REMARK:
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SHEET
2/4



$.xx \pm 0.25$
 $.xxx \pm 0.10$

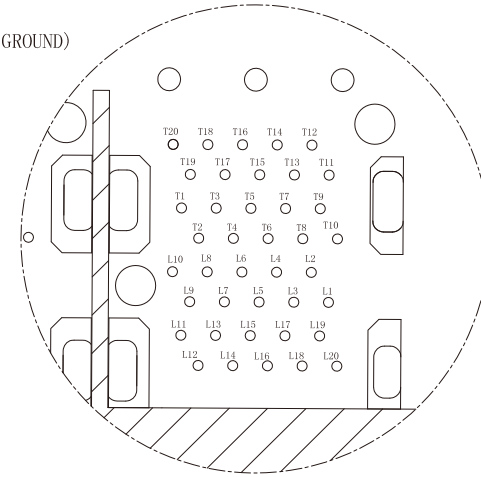
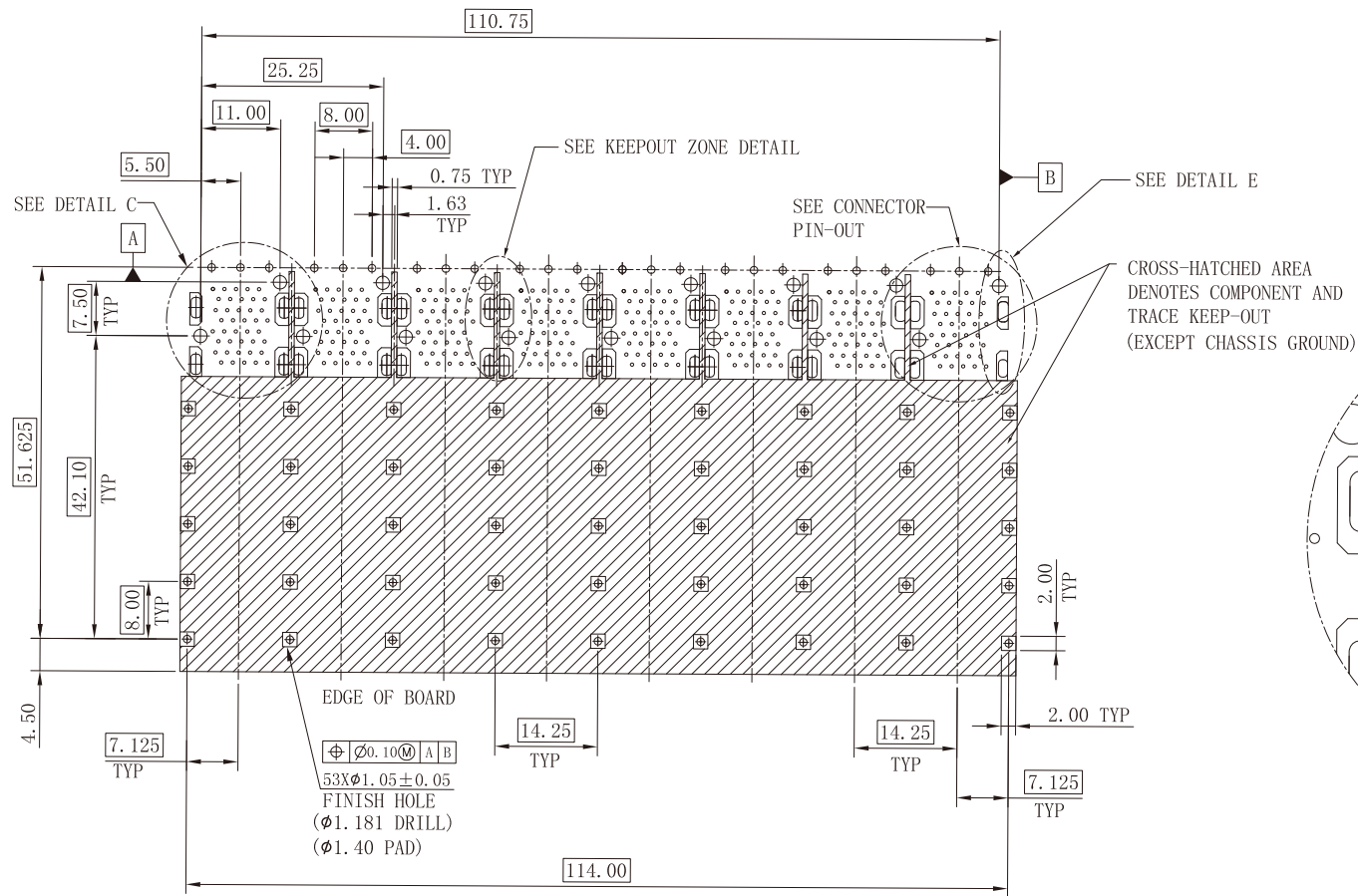
$.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

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CONNECTOR PIN-OUT
COMPONENT SIDE OF BOARD

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

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SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

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PART NO.:
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SACLE
1:1

REV
A0

± 0.35
 ± 0.30

$\pm 3.0^\circ$
 $\pm 2.0^\circ$

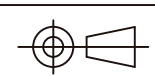
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REMARK:
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SHEET
3/4

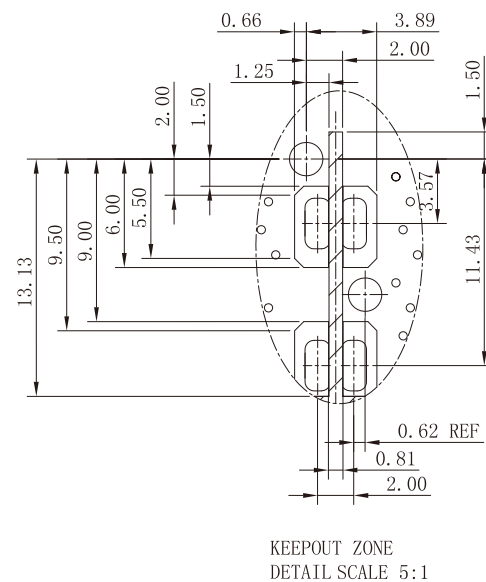
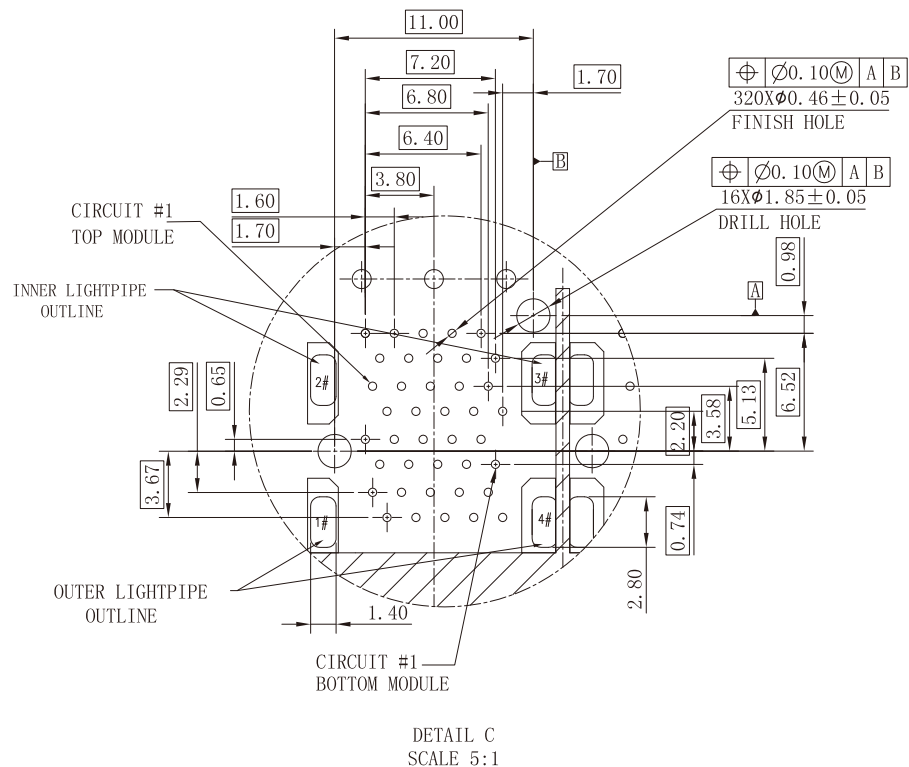


± 0.25
 ± 0.10

$\pm 1.5^\circ$
 $\pm 1.0^\circ$

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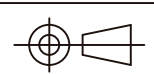
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SACLE
1:1

SHEET
4/4

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UNLESS SPECIFIED

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