

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. LIGHT PIPES: POLYCARBONATE. UL 94V-0. COLOR:CLEAR
6. LIGHT PIPE HOUSING: PBT UL 94V-0 COLOR:BLACK.
7. EMI SPRING: COPPER ALLOY.

PLATED:

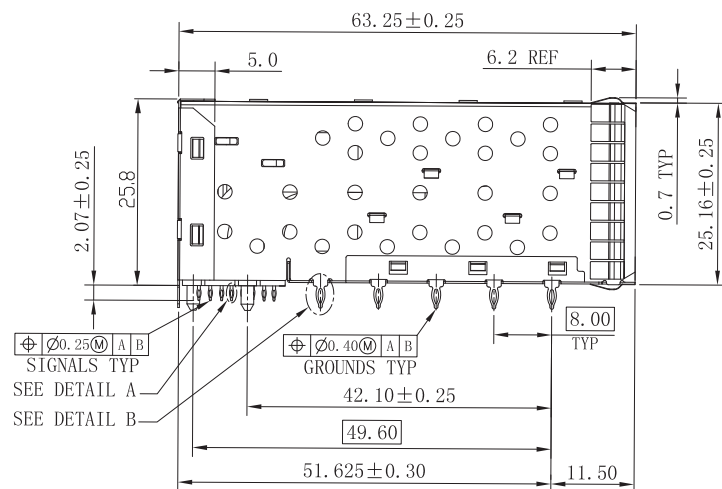
1. CONTACT MATING AREA : PLATING GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.
2. CONTACT NEEDLE EYE: 2.54 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

MECHANICAL REQUIREMENT:

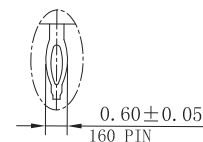
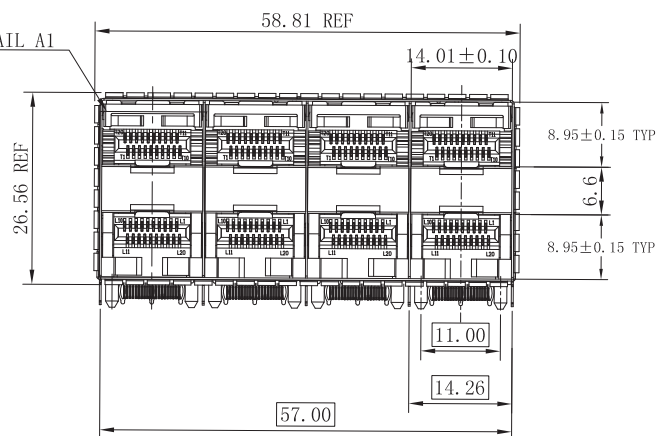
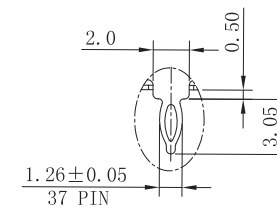
1. DURABILITY: 100 CYCLES MIN.
2. INSERTION AND EXTRACTION FORCE: 40N MAX & 12.5N MAX

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



SEE DETAIL A1

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

TITLE:

SFP+ 2x4 CONNECTOR

SIZE
A4UNITS
MM[INCH]GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WHSFP15524D002

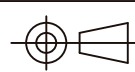
SCALE
1:1REV
AH $x \pm 0.35$
 $.x \pm 0.30$ $x^{\circ} \pm 3.0^{\circ}$
 $.x^{\circ} \pm 2.0^{\circ}$

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

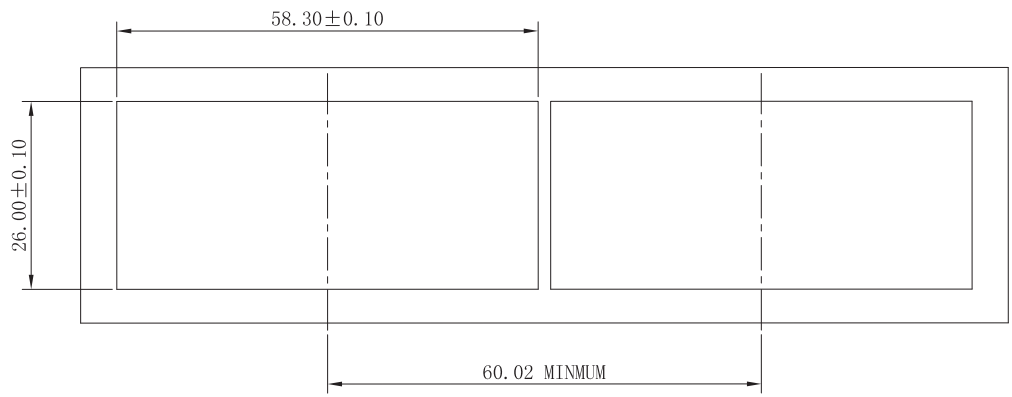
苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

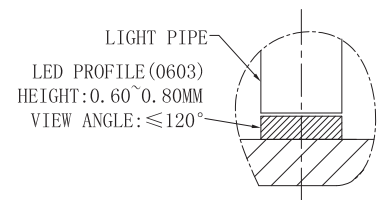
WEB: WWW.WOHU-TEK.COM

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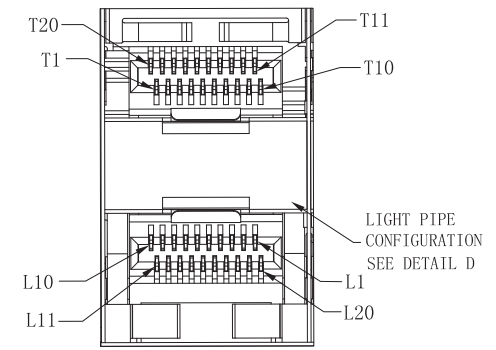
REV. 版本	ECN NO. 变更说明	DATE 日期



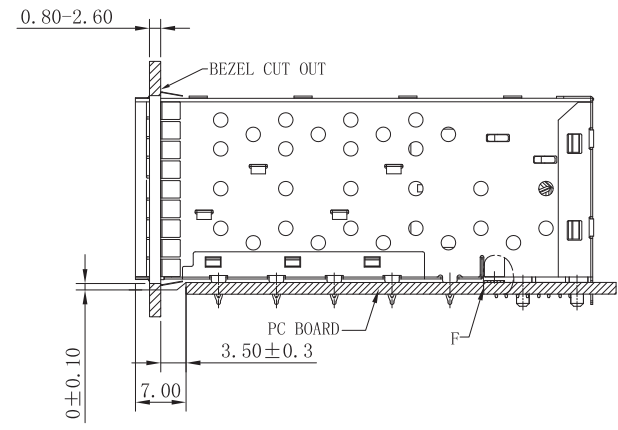
BEZEL CUT-OUT CENTER SPACING DETAIL
BEZEL THICKNESS:0.8-2.6



DETAIL F
SCALE 4:1



DETAIL A1
SCALE 4:1

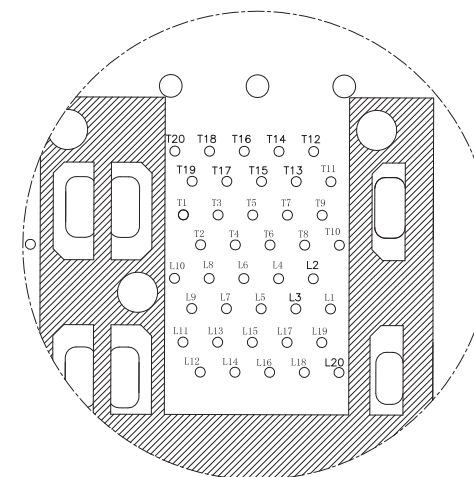


RoHS Compliant



REMARK: gold plated 15u"	SHEET 2/4		GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
			.xx±0.25	.xx°±1.5°	
			.xxx±0.10	.xxx°±1.0°	CHECKED BY: Elvis.Song
					DESIGND BY: Sunny.Xu

TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM



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

RoHS Compliant



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

TITLE:
SFP+ 2x4 CONNECTOR

PART NO.:
WHSFP15524D002

REMARK:
gold plated 15u"

SIZE	UNITS
A4	MM[INCH]

SACLE
1:1

SHEET
3/4

The front view shows a circular cross-section of the part. It features a central circular hole. Surrounding this hole is a thick, uniform ring or flange. The outer edge of the flange is perfectly circular. A horizontal centerline passes through the center of the part, extending beyond the circular boundaries on both sides.

GENERAL TOLERANCES
UNLESS SPECIFIED

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

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

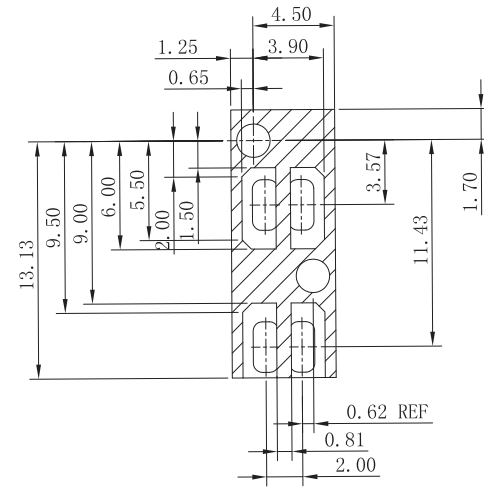
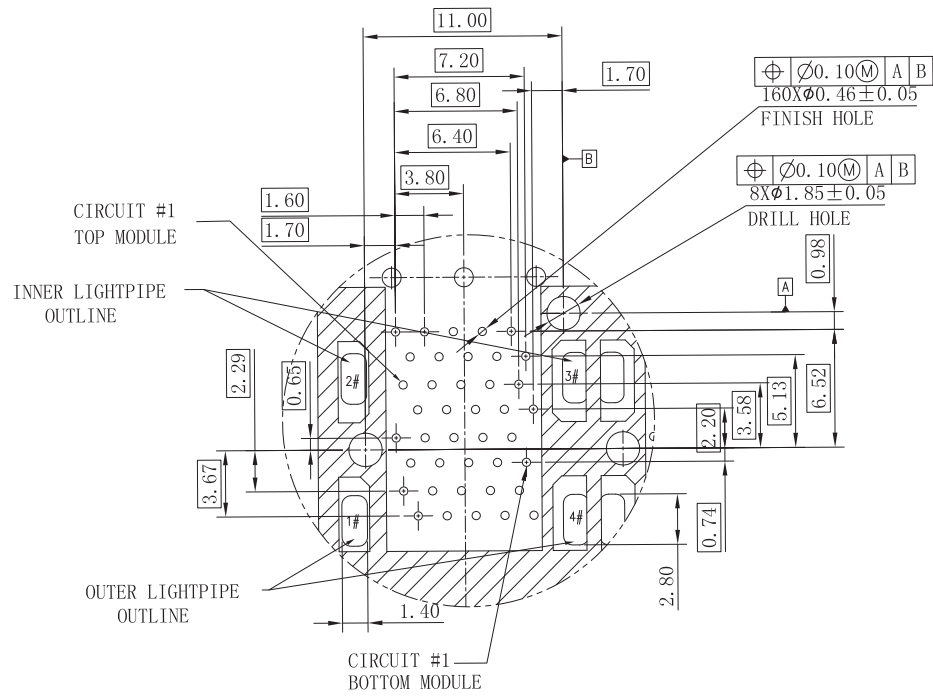
APPROVED BY:
Geoffrey.Song

CHECKED BY:	Elvis.Song
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DESIGND BY:	Sunny.Xu
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RoHS Compliant



TITLE: SFP+ 2x4 CONNECTOR	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
			x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
			.x±0.30	.x°±2.0°	
REMARK: gold plated 15u"	SHEET 4/4		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
			.xxx±0.10	.xxx°±1.0°	

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